WEST COAST DATA INVENTORY AND APPRAISAL
VOLUME 2 (PART 2)
Waters West of Vancouver Island and the Queen Charlotte Islands out to the 200-Mile Fishery Limit: Physical Oceanography – Temperature, Salinity, Currents, Water Levels and Waves 1905 through 1984

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CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES NO. 37

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Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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Waters West of Vancouver Island and the Queen Charlotte Islands out to the 200-Mile Fishery Limit
Physical Oceanography - Temperature, Salinity, Currents, Water Levels and Waves
1905 through 1984

by

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PREFACE

To manage Canadian West Coast waters competently, there is a fundamental requirement to review the sufficiency and suitability of the available scientific data for many purposes - such as engineering design, regulation, assessment, planning, research and monitoring. We consider this review to consist of three phases: (i) the cataloguing, mapping and methods-appraisal of all existing data sets; (ii) the actual scrutiny of the data themselves and the judgement of their utility for answering management questions; and (iii) the analysis and interpretation of the best of these data.

This inventory, which indexes the physical-oceanographic data of the waters off Vancouver Island and the Queen Charlotte Islands out to the 200-mile fishery limit, is considered a major contribution to phase (i). It has been produced by the Ocean Information Division at the Institute of Ocean Sciences, Department of Fisheries and Oceans, as part of a Data Inventory and Appraisal Program. Contract projects, supervised by government scientists and funded by numerous federal agencies, have examined all known marine-data sets which contain oceanographic information obtained in the areas in question. Evaluation of the data-set quality has been carried out by careful examination of the documentation for methodologies used in sampling and in data storage and analysis.

It is our hope that this inventory will assist you, both in establishing the usefulness of existing data for whatever particular purpose contemplated, and in assessing the confidence to be placed in the interpretations. In addition, it should aid in setting priorities for archiving large quantities of data into the Department's Marine Environmental Data Service (MEDS) in Ottawa.

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Scientific Coordinator
Canadian West Coast Compilation
and Appraisal Series

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10. INDEXES

This section contains three indexes to the data sets. The first is a geographical index which provides a listing by sub-areas (Figure 21). All data sets with any measurements in a particular sub-area are listed by I.D. number under that sub-area.

The second index classifies the data sets by measurement type, under the following headings:

Temperature and salinity-bottle : measurements at discrete points in the water column.

Temperature and salinity profiles (CTD) : measurements made with a profiling instrument such as a CTD.

Water levels and bottom pressure : measurements from shore-based tide stations or bottom-pressure gauges.

Eulerian currents : measurements of current velocity at a fixed point with a current meter.

Lagrangian currents : measurements of current velocity using drifting buoys.

Waves : measurements of waves at a fixed point.

The third index lists references for each data set by number. The data set number appears at the left-hand side of the page, with references listed to the right. The main references are listed, followed by other interpretive or analytical references, indented with respect to the main references. The list of interpretive or analytical references may not be complete.

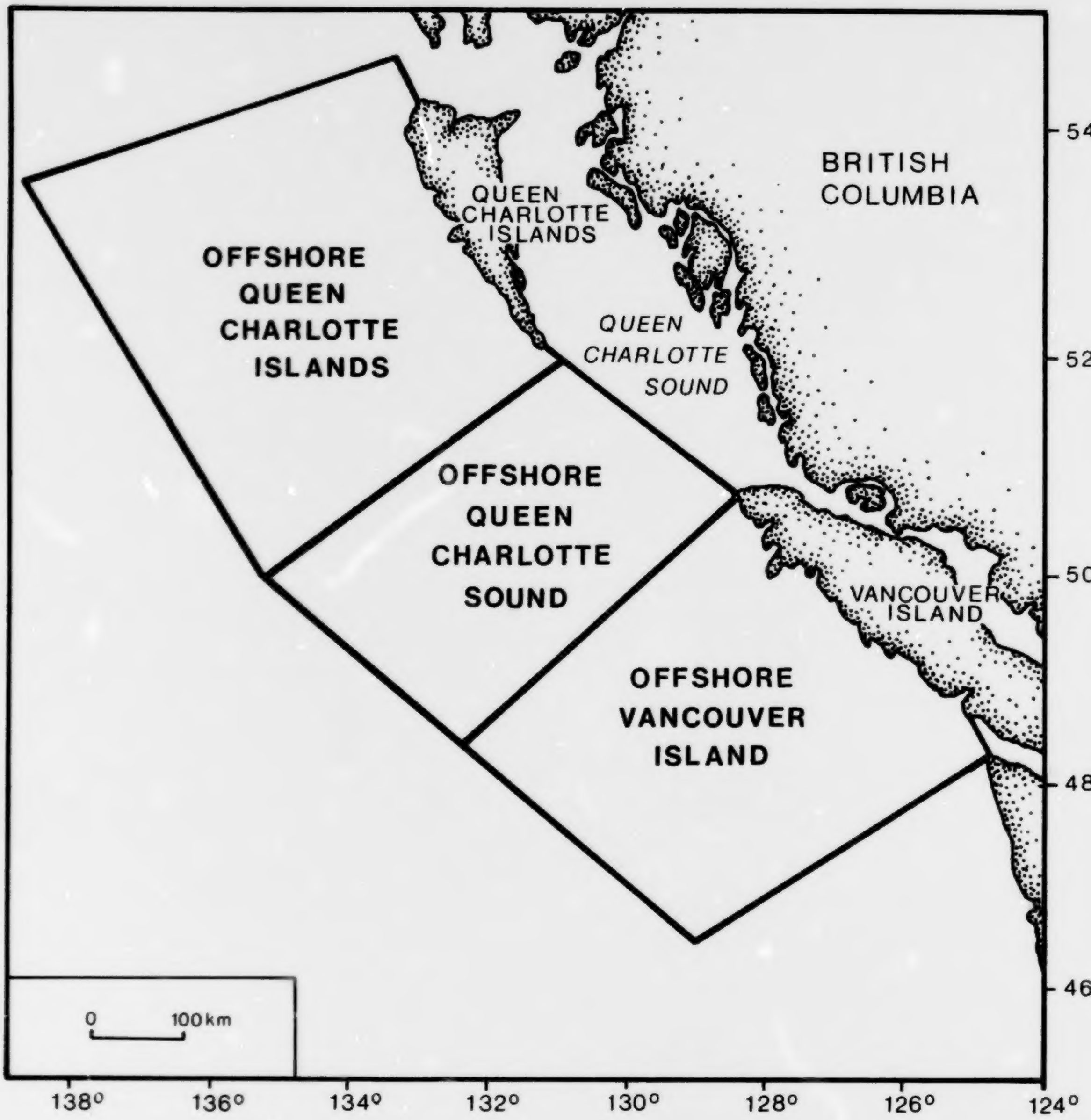
BRITISH COLUMBIA
QUEEN CHARLOTTE ISLANDS
QUEEN CHARLOTTE SOUND
VANCOUVER ISLAND
OFFSHORE QUEEN CHARLOTTE ISLANDS
OFFSHORE QUEEN CHARLOTTE SOUND
OFFSHORE VANCOUVER ISLAND
0
100km
54°
52°
50°
48°
46°
138°
136°
134°
132°
130°
128°
126°
124°

Figure 21a: Major sub-areas used for geographic index (see Figure 21b for coastal sub-areas).

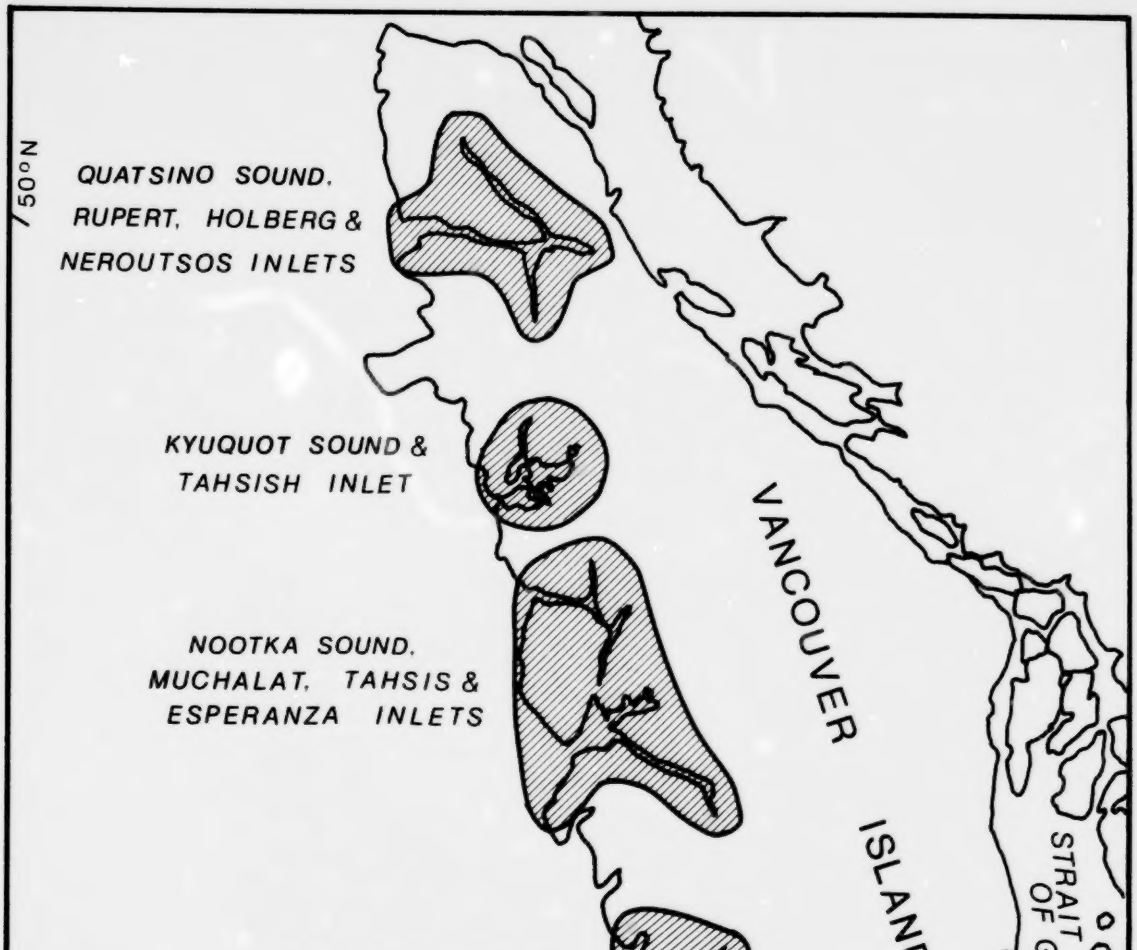
50°N
QUATSINO SOUND, RUPERT, HOLBERG & NEROUTSOS INLETS
KYUQUOT SOUND & TAHSISH INLET
NOOTKA SOUND, MUCHALAT, TAHSIS & ESPERANZA INLETS
VANCOUVER ISLAND
STRAIT OF GEORGIA
CLAYOQUOT SOUND, BEDWELL SOUND & TOFINO INLET
48°N
BARKLEY SOUND & ALBERNI INLET
JUAN DE FUCA STRAIT
126°W
124°W

Figure 21b: Vancouver Island sub-areas used for geographical index.

10.1 GEOGRAPHICAL

QUATSINO SOUND,
RUPERT INLET,
HOLBERG INLET,
NEROUTSOS INLET

20-0001
25-0002
35-0008
36-0008
38-0011
41-0006
57-0007A
57-0026
59-0023
61-0016
61-0017C
61-0034
62-0015A
62-0015B
62-0025
62-0030B
63-0011B
64-0020
66-0021
66-0027B
71-0038
71-0050
71-0051
71-0057
71-0097
73-0056A
73-0056B
74-0058
74-0112
75-0081
75-0084A
75-0084B
75-0121
75-0122
75-0123
75-0128
76-0068
76-0069A
76-0069B
76-0072
76-0073
76-0103
78-0028C
78-0067
78-0101
79-0032
79-0035
79-0065
79-0071A
79-0074
79-0080
80-0070
80-0072
81-0056A
81-0071
81-0095
82-0091
83-0002A
83-0003B
83-0035
83-0045

KYUQUOT SOUND,
TAHSISH INLET

35-0003
55-0013
59-0023
63-0011B
63-0017
70-0020A
70-0020C
71-0055
79-0065
80-0056

NOOTKA SOUND,
MUCHALAT,
TAHSIS INLET,
ESPERANZA INLET

25-0002
27-0005
33-0002
34-0006
37-0014
59-0023
59-0025
60-0025
61-0016
61-0017C
61-0023
61-0034
62-0015A
62-0015B
62-0025
62-0030B
63-0011B
63-0023A
63-0027
63-0028
66-0027B
70-0020A
70-0020C
71-0055
76-0071A
76-0071B
76-0071C
76-0071D
76-0071E
76-0074
78-0028C
78-0028D
79-0032
79-0065
79-0071A
79-0073
79-0074
79-0077
79-0081A
79-0081B
80-0057
80-0059
80-0094
80-0102
84-0011

CLAYOQUOT SOUND,
BEDWELL SOUND,
TOFINO INLET

05-0005
31-0003
32-0006
37-0014
59-0023
60-0022
60-0024
60-0025
60-0033
61-0029
61-0030
61-0031
61-0032
63-0011B
69-0034
70-0020C
73-0051
76-0074
78-0028C
78-0028D
80-0062
84-0010

BARKLEY SOUND,
ALBERNI INLET

24-0002
34-0007
37-0011
37-0013
37-0014
38-0004A
38-0004C
38-0004D
38-0007
38-0008
39-0002
41-0003A
41-0003B
41-0005A
41-0005B
41-0005C
41-0008
42-0004
47-0003
49-0009
50-0011
50-0012
50-0013
50-0014
50-0015
54-0019
57-0007A
57-0007B
57-0016
57-0027
57-0028
57-0031
59-0011A
59-0011B
59-0011C
59-0023
59-0025
60-0017
60-0021
61-0017C
61-0033
61-0034
61-0035
62-0015A
62-0015B
62-0025
62-0030A
62-0034A
62-0034B
62-0035A
62-0036
63-0022
63-0026C
63-0027
63-0028
64-0028
64-0029
65-0031
65-0034
66-0021
66-0030
66-0031
66-0060
67-0024
67-0030
67-0031
68-0042
69-0034
69-0049
69-0051
69-0051A
69-0051B
69-0061
69-0062
69-0064
70-0020A
70-0032
70-0039
70-0047
70-0065
70-0066
71-0049
71-0053
71-0055
71-0062A
71-0062B
71-0065A
71-0065B
71-0065C
71-0065D
71-0091A
71-0099A
71-0104
73-0052
73-0053
73-0054
74-0059
74-0105
74-0107
75-0070
76-0074
76-0071C
76-0071D
76-0102
77-0033
77-0057B
77-0081
77-0082
77-0083
77-0085
78-0028C
78-0028D
78-0066
79-0065
79-0068
79-0070
79-0071C
79-0072
79-0073
79-0074
79-0075
79-0076
79-0077
79-0078
79-0079
79-0081D
80-0056
80-0057
80-0058
80-0059
80-0060
80-0063
80-0064
80-0065A
80-0067
80-0068
80-0070
80-0088A
80-0092
80-0093
80-0094
81-0069
81-0070
81-0073
81-0074
81-0075
81-0076
81-0077
81-0096
84-0009
84-0011

OFFSHORE QUEEN CHARLOTTE ISLANDS

13-0002
14-0003
15-0003
16-0003
34-0002
35-0007
36-0003C
36-0004
36-0005
37-0004
38-0002
38-0010
40-0004
49-0008
50-0006
50-0011
51-0012
51-0016
51-0017
52-0014
52-0015C
53-0015B
54-0012A
54-0012B
54-0012C
54-0021
55-0013
55-0020
55-0021
55-0024
55-0027
56-0018
56-0020
56-0021
57-0007A
57-0007B
57-0008
57-0009
57-0016
57-0022
57-0028
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57-0030
58-0007
58-0009
58-0014
58-0016
58-0024
58-0027
59-0011A
59-0011B
59-0011C
59-0018
59-0019
59-0026
59-0027
59-0029
60-0011
60-0012
60-0017
60-0023
60-0035
61-0017A
61-0017B
61-0018
61-0019
61-0020
61-0021
62-0015A
62-0015B
62-0016
62-0018
62-0025
62-0027
64-0033
64-0036
64-0039
65-0060
66-0026
67-0022
67-0026
68-0022
68-0024
69-0030
69-0031
69-0041
69-0044
69-0046
71-0057
71-0060
72-0051
73-0040
74-0055
74-0106
75-0070
75-0080
75-0101
76-0067
76-0101
77-0081
77-0082
77-0084
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78-0028C
78-0028D
78-0028E
78-0028F
78-0064
79-0036C
79-0036E
81-0055
81-0069
81-0079
82-0034
82-0046
82-0065
82-0070
82-0071
82-0072
82-0073
82-0074
82-0075
83-0002B
83-0035
83-0036
83-0036A
83-0040
83-0041
84-0001
84-0002
84-0007
84-0010
84-0012
84-0013

OFFSHORE QUEEN CHARLOTTE SOUND

35-0006
36-0003C
38-0010
50-0006
50-0011
51-0012
51-0016
51-0017
52-0014
52-0015C
52-0015D
53-0015B
54-0012A
54-0012B
54-0012C
54-0012D
55-0013
55-0020
55-0021
55-0024
55-0027
56-0018
56-0020
56-0022
56-0025
56-0026
57-0007A
57-0007B
57-0008
57-0016
57-0022
57-0023
57-0028
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58-0014
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59-0011B
59-0011C
59-0018
59-0019
59-0026
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60-0011
60-0012
60-0023
61-0017A
61-0017B
61-0018
61-0019
61-0021
61-0033
61-0046
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62-0015B
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77-0057C
77-0085
79-0039
81-0069
81-0079
82-0034
82-0046
82-0070
82-0071
82-0072
82-0073
82-0074
82-0075
83-0002A
83-0002B
83-0035
83-0040
83-0041
84-0010

OFFSHORE VANCOUVER ISLAND

15-0004
18-0001
31-0008
32-0004
33-0001
34-0003
34-0007
35-0005
35-0006
36-0003A
36-0003B
36-0006
37-0010
37-0012
37-0013
37-0014
38-0004A
38-0004C
38-0004D
38-0005
38-0006
38-0007
38-0008
41-0003A
41-0003B
44-0001
50-0011
50-0012
50-0014
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51-0016
51-0017
51-0018
52-0014
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52-0015B
52-0015C
52-0015D
52-0017
52-0018
53-0019A
53-0019B
53-0020A
53-0020B
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54-0024
55-0013
55-0023
55-0024
55-0026
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56-0022
56-0023
56-0025
56-0026
57-0007A
57-0007B
57-0008
57-0016
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57-0021B
57-0021C
57-0021D
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58-0014
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58-0017B
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58-0028
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68-0040
69-0030
69-0031
69-0034
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69-0041
69-0043
69-0044
69-0045
69-0047
69-0048
69-0064
70-0020A
70-0020C
70-0031
70-0039
70-0041
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76-0074
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78-0028D
78-0028F
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79-0039
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79-0069
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79-0071C
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79-0073
79-0074
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79-0076
79-0077
79-0078
79-0079
79-0080
79-0081A
79-0081B
79-0081C
79-0081D
79-0081E
79-0081F
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80-0057
80-0058
80-0059
80-0060
80-0061
80-0062
80-0063
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80-0067
80-0070
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81-0079
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82-0070
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82-0072
82-0073
82-0074
82-0075
83-0002A
83-0002B
83-0035
83-0040
83-0041
84-0007
84-0009
84-0010
84-0011
84-0022

10.2 MEASUREMENT TYPE

TEMPERATURE & SALINITY - BOTTLE

32-0004
33-0001
33-0002
34-0002
34-0003
34-0006
34-0007
35-0005
35-0006
35-0007
35-0008
36-0003A
36-0003B
36-0003C
36-0004
36-0005
36-0006
37-0004
37-0010
37-0011
37-0012
37-0013
37-0014
38-0002
38-0004A
38-0004B
38-0004C
38-0004D
38-0005
38-0006
38-0007
38-0008
39-0002
40-0004
41-0003A
41-0003B
41-0005A
41-0005B
41-0005C
41-0005D
41-0008
44-0001
47-0004
49-0008
49-0009
50-0006
50-0011
50-0012
50-0013
50-0014
50-0015
51-0012
51-0016
51-0017
51-0018
52-0014
52-0015A
52-0015B
52-0015C
52-0015D
52-0017
52-0018
53-0015B
53-0019A
53-0019B
53-0020A
53-0020B
54-0012A
54-0012B
54-0012C
54-0012D
54-0019
54-0020
54-0021
54-0022
54-0023
54-0024
55-0013
55-0020
55-0021
55-0023
55-0024
55-0026
55-0027
55-0030
56-0018
56-0020
56-0021
56-0022
56-0023
56-0025
56-0026
57-0007A
57-0007B
57-0008
57-0009
57-0016
57-0021A
57-0021B
57-0021C
57-0021D
57-0022
57-0023
57-0025
57-0026
57-0027
57-0028
57-0029
57-0030
57-0033
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11. LISTING OF MEASUREMENT LOCATIONS AND OTHER PARAMETERS, BY YEAR

This section gives detailed listings of measurement locations and times for each of the data sets plotted on the maps in Section 9. The locations of drifter data sets have been indicated as shaded areas only, and are not listed. The shore-station data are not discussed here; see Section 3.1 of the text for a discussion of them. There are separate listings for temperature-salinity, current-meter, water-level and wave data. Each listing is ordered by data-set number. An explanation of the format appears at the start of each listing. Only data collected within the area of this inventory are listed here; measurements taken elsewhere are discussed in the inventories for those areas.

11.1 TEMPERATURE-SALINITY DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; wherever possible it is the station number assigned in the original data source.
LAT, LONG	In degrees and minutes.
YR	Year
MO	Month
DY	Day
HR	Hour; GMT unless specified otherwise
CAST TO	Maximum depth of data, in metres.
WATER DEPTH	In metres, if available.
PARAM MEAS	Parameters measured - conductivity, salinity, temperature. Each parameter measured is qualified by one of the following: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings over parts of record O - obviously bad readings
INSTR	Instrument type: AAND - Aanderaa current meter AMS - Applied Microsystems CTD APL - Applied Physics Lab. CTD BECK - Beckman CTD BISS - Bisset Berman STD BOTT - bottle sample BUCK - bucket thermometer GLDL - Guildline CTD HYD - Hydrometer HYDR - Hydrolab salinometer HYT - Hytech induction salinometer INTO - InterOcean CTD MART - Martec data logger PLES - Plessey CTD RS5 - Beckman RS5 CTD RS53 - Beckman RS5-3 CTD VCTD - Guildline CTD combined with an electromagnetic current meter YSI - Yellow Springs Instruments Co. CTD
INT(HR)	The time period between repeat stations.
NO	The number of repeat stations.

Blank entries indicate unavailable or inapplicable data.
Some entries under the "area" heading may be missing if the stations are between name-designated areas.
? implies suspect data, but the only/best data available.

BOTTLE/CTD DATA SET NUMBER: 32-0004
YEAR:1932 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	2	48	32.0	124	59.0	32	07	18	20	66			X	X	BOTT		
B.C. OFFSHORE	3	48	35.5	125	14.5	32	07	19	00	100			X	X	BOTT		
B.C. OFFSHORE	4	48	38.5	125	29.0	32	07	19	02	62			X	X	BOTT		
B.C. OFFSHORE	5	48	43.0	125	43.0	32	07	19	16	150			X	X	BOTT		
B.C. OFFSHORE	6	48	44.0	126	19.0	32	07	19	19	158			X	X	BOTT		
B.C. OFFSHORE	7	48	44.0	126	49.0	32	07	19	22	500			X	X	BOTT		
B.C. OFFSHORE	8	48	30.0	127	19.0	32	07	20	04	1000			X	X	BOTT		
B.C. OFFSHORE	10	48	23.0	128	19.0	32	07	20	19	2500			X	X	BOTT		
B.C. OFFSHORE	9	48	43.0	129	20.0	32	07	21	04	1500			X	X	BOTT		
B.C. OFFSHORE	15	47	40.0	126	23.0	32	07	27	04	2000			X	X	BOTT		
B.C. OFFSHORE	11	47	48.0	125	56.0	32	07	27	13	1000			X	X	BOTT		
B.C. OFFSHORE	12	47	55.0	125	29.0	32	07	27	18	600			X	X	BOTT		
B.C. OFFSHORE	13	48	10.0	125	05.0	32	07	27	23	200			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 33-0001
YEAR:1933 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	39	48	23.0	124	51.0	33	07	07	23	300			X	X	BOTT		
B.C. OFFSHORE	40	48	21.0	124	44.5	33	07	08	03	50			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 33-0002
YEAR:1933 VESSEL/AGENCY: W.J.STEWART,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
NOOTKA SOUND	2231D	49	35.0	126	36.	33	07	25	15	100			X	X	BOTT		
NOOTKA SOUND	2231E	49	30.7	126	39.	33	07	25	16	40			X	X	BOTT		
NOOTKA SOUND	2231F	49	26.3	126	42.	33	07	25	17	27			X	X	BOTT		
NOOTKA SOUND	2231G	49	21.2	126	46.	33	07	25	18	100			X	X	BOTT		
MUCHALAT INLET	2231M	49	35.	126	36.5	33	07	26	22	100			X	X	BOTT		
MUCHALAT INLET	2231M	49	35.	126	36.5	33	07	27	04	100			X	X	BOTT		
MUCHALAT INLET	2231M	49	35.	126	36.5	33	07	27	10	100			X	X	BOTT		
MUCHALAT INLET	2231M	49	35.	126	36.5	33	07	27	16	100			X	X	BOTT		
TAHSIS INLET	2233I	49	41.7	126	36.	33	07	26	15	50			X	X	BOTT		
TAHSIS INLET	2233J	49	47.	126	39.	33	07	26	16	95			X	X	BOTT		
TAHSIS INLET	2233K	49	51.	126	39.5	33	07	26	17	185			X	X	BOTT		
TAHSIS INLET	2233L	49	54.	126	39.5	33	07	26	18	95			X	X	BOTT		
TLUPANA INLET	2234A	49	41.8	126	31.5	33	07	26	20	200			X	X	BOTT		
TLUPANA INLET	2234B	49	43.	126	29.	33	07	26	21	200			X	X	BOTT		
TLUPANA INLET	2234C	49	45.	126	28.	33	07	26	22	200			X	X	BOTT		
MUCHALAT INLET	2235H	49	39.	126	27.5	33	07	25	22	200			X	X	BOTT		
MUCHALAT INLET	2235N	49	40.	126	10.	33	07	27	23	350			X	X	BOTT		
MUCHALAT INLET	2235O	49	39.	126	16.	33	07	28	00	350			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 34-0003
YEAR:1934 VESSEL/AGENCY: W.J.STEWART,PBS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	18	48 57.0	126 41.0	34 05 05 21	695	740		X	X	BOTT		
B.C. OFFSHORE	19	48 52.0	126 26.0	34 05 10 20	170	182		X	X	BOTT		
B.C. OFFSHORE	20	48 43.0	126 34.0	34 05 22 05	1221	1250		X	X	BOTT		
B.C. OFFSHORE	21	49 8.0	126 49.0	34 06 05 14	170	179		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 35-0005
YEAR:1935 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	14	48 24.0	126 10.0	35 07 26 21	330			X	X	BOTT		
B.C. OFFSHORE	2	47 54.0	126 33.0	35 08 03 11	2000			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 35-0006
YEAR:1935 VESSEL/AGENCY: OGLALA(US)

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	10	50 15.00	133 50.00	35 08 04 00	3000			X	X	BOTT		
B. C. OFFSHORE	11	49 30.00	130 0.00	35 08 04 00	1500			X	X	BOTT		
B. C. OFFSHORE	12	48 30.00	125 0.00	35 08 05 00	150			X	X	BOTT		
B. C. OFFSHORE	13	48 10.00	125 40.00	35 08 10 00	150			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 35-0007
YEAR:1935 VESSEL/AGENCY: W.J.STEWART,PBS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	1	52 24.00	131 39.00	35 05 14 19	170			X	X	BOTT		
B. C. OFFSHORE	2	52 2.00	131 18.00	35 05 31 23	200	263		X	X	BOTT		
B. C. OFFSHORE	3	53 11.00	132 42.00	35 06 13 17	400	475		X	X	BOTT		
B. C. OFFSHORE	4	53 1.00	132 38.00	35 06 26 18	600	640		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 36-0003A
YEAR:1936 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	1	48	45.20	125	15.50	36	06	08	18	40			X	X	BOTT	
B. C. OFFSHORE	2	48	36.60	125	23.40	36	06	08	19	90	109		X	X	BOTT	
B. C. OFFSHORE	3	48	28.50	125	32.40	36	06	08	21	110			X	X	BOTT	
B. C. OFFSHORE	4	48	44.90	125	15.20	36	06	12	16	45	49		X	X	BOTT	
B. C. OFFSHORE	5	48	36.10	125	23.00	36	06	12	17	108	106		X	X	BOTT	
B. C. OFFSHORE	6	48	28.80	125	32.00	36	06	12	19	80	126		X	X	BOTT	
B. C. OFFSHORE	7	48	22.00	125	35.00	36	06	12	20	130	128		X	X	BOTT	
B. C. OFFSHORE	8	48	4.10	125	56.00	36	06	13	00	756	923		X	X	BOTT	
B. C. OFFSHORE	9	47	57.00	126	1.00	36	06	13	02	700			X	X	BOTT	
B. C. OFFSHORE	10	47	40.50	126	21.00	36	06	13	06	746			X	X	BOTT	
B. C. OFFSHORE	12	47	40.40	126	29.60	36	06	13	14	800			X	X	BOTT	
B. C. OFFSHORE	13	47	58.00	126	2.60	36	06	13	18	800			X	X	BOTT	
B. C. OFFSHORE	14	48	4.00	125	55.50	36	06	13	20	800			X	X	BOTT	
B. C. OFFSHORE	15	48	20.70	125	39.00	36	06	13	23	130	133		X	X	BOTT	
B. C. OFFSHORE	16	48	27.80	125	28.00	36	06	14	00	134	153		X	X	BOTT	
B. C. OFFSHORE	17	48	36.00	125	23.00	36	06	14	02	135			X	X	BOTT	
B. C. OFFSHORE	18	48	44.30	125	15.50	36	06	14	03	50	49		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 36-0003B
YEAR:1936 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	19	49	31.50	126	42.50	36	07	30	16	45	49		X	X	BOTT	
B. C. OFFSHORE	20	49	22.70	126	51.50	36	07	30	17	99	113		X	X	BOTT	
B. C. OFFSHORE	21	49	14.80	126	59.20	36	07	30	19	170	182		X	X	BOTT	
B. C. OFFSHORE	22	49	6.80	127	7.50	36	07	30	21	797			X	X	BOTT	
B. C. OFFSHORE	23	48	54.00	127	19.00	36	07	31	01	790			X	X	BOTT	
B. C. OFFSHORE	24	48	41.80	127	35.70	36	07	31	04	800			X	X	BOTT	
B. C. OFFSHORE	25	48	25.60	127	52.50	36	07	31	07	788			X	X	BOTT	
B. C. OFFSHORE	26	48	3.30	128	12.70	36	07	31	11	788			X	X	BOTT	
B. C. OFFSHORE	27	46	24.70	127	54.00	36	07	31	15	800			X	X	BOTT	
B. C. OFFSHORE	28	48	40.50	127	36.00	36	07	31	17	788			X	X	BOTT	
B. C. OFFSHORE	29	48	51.00	127	21.70	36	07	31	22	736			X	X	BOTT	
B. C. OFFSHORE	30	49	6.70	127	6.50	36	08	01	01	790	749		X	X	BOTT	
B. C. OFFSHORE	31	49	11.70	126	55.40	36	08	01	02	155	155		X	X	BOTT	
B. C. OFFSHORE	32	49	22.60	126	51.80	36	08	01	04	100	113		X	X	BOTT	
B. C. OFFSHORE	33	49	31.50	126	42.50	36	08	01	05	45	49		X	X	BOTT	
B. C. OFFSHORE	34	50	22.70	128	7.00	36	08	04	14	80			X	X	BOTT	
B. C. OFFSHORE	35	50	14.10	128	16.10	36	08	04	16	792			X	X	BOTT	
B. C. OFFSHORE	36	50	22.70	128	7.00	36	08	04	18	75			X	X	BOTT	
B. C. OFFSHORE	37	50	22.50	128	7.00	36	08	05	14	90	91		X	X	BOTT	
B. C. OFFSHORE	38	50	14.00	128	16.50	36	08	05	16	797			X	X	BOTT	
B. C. OFFSHORE	39	50	5.30	128	23.50	36	08	05	18	797			X	X	BOTT	
B. C. OFFSHORE	40	49	58.50	128	34.30	36	08	05	20	794			X	X	BOTT	
B. C. OFFSHORE	41	49	46.00	128	48.00	36	08	05	22	800			X	X	BOTT	
B. C. OFFSHORE	42	49	32.60	128	59.00	36	08	06	01	800			X	X	BOTT	
B. C. OFFSHORE	43	49	17.00	129	18.00	36	08	06	04	800			X	X	BOTT	
B. C. OFFSHORE	44	48	56.00	129	37.30	36	08	06	08	797			X	X	BOTT	
B. C. OFFSHORE	45	48	47.30	129	9.00	36	08	06	11	792			X	X	BOTT	
B. C. OFFSHORE	46	48	39.20	128	44.30	36	08	06	14	800			X	X	BOTT	
B. C. OFFSHORE	47	48	30.00	128	23.00	36	08	06	17	773			X	X	BOTT	
B. C. OFFSHORE	48	48	23.00	127	55.50	36	08	06	20	800			X	X	BOTT	
B. C. OFFSHORE	49	48	15.60	127	25.50	36	08	06	23	800			X	X	BOTT	
B. C. OFFSHORE	50	48	7.00	126	58.20	36	08	07	02	800			X	X	BOTT	
B. C. OFFSHORE	51	48	3.30	126	27.20	36	08	07	06	794			X	X	BOTT	
B. C. OFFSHORE	52	48	10.30	125	57.50	36	08	07	09	794	950		X	X	BOTT	
B. C. OFFSHORE	53	48	17.40	125	27.00	36	08	07	12	100	126		X	X	BOTT	
B. C. OFFSHORE	54	48	24.20	124	55.00	36	08	07	14	190	215		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 36-0003C
YEAR:1936 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	59	51	9.70	129	27.50	36	09	05	02	250	272		X	X	BOTT		
B. C. OFFSHORE	60	51	11.70	129	51.50	36	09	05	05	673	822		X	X	BOTT		
B. C. OFFSHORE	61	51	21.50	130	13.80	36	09	05	08	773	1453		X	X	BOTT		
B. C. OFFSHORE	62	51	35.80	130	27.20	36	09	05	11	800	1441		X	X	BOTT		
B. C. OFFSHORE	63	51	40.20	130	51.80	36	09	05	14	780			X	X	BOTT		
B. C. OFFSHORE	64	51	53.50	131	2.80	36	09	05	16	189			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 36-0005
YEAR:1936 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B.C. OFFSHORE	1	52	24.0	131	54.0	36	07	27	22	200			X	X	BOTT		
B.C. OFFSHORE	2	52	19.0	132	08.0	36	07	28	02	2000			X	X	BOTT		
B.C. OFFSHORE	1	48	06.0	126	30.0	36	08	12	11	2000			X	X	BOTT		
B.C. OFFSHORE	2	48	06.0	127	00.0	36	08	12	19	2000			X	X	BOTT		
B.C. OFFSHORE	1	48	06.0	126	30.0	36	08	27	10	2000			X	X	BOTT		
B.C. OFFSHORE	2	48	06.0	127	00.0	36	08	27	17	2000			X	X	BOTT		
B.C. OFFSHORE	3	48	13.0	126	49.0	36	08	28	00	2000			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 36-0006
YEAR:1936 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	44.80	125	16.00	36	02	14	17	50	53		X	X	BOTT		
B. C. OFFSHORE	2	48	40.50	125	20.10	36	02	14	18	70	80		X	X	BOTT		
B. C. OFFSHORE	3	48	37.10	125	23.10	36	02	14	19	125	135		X	X	BOTT		
B. C. OFFSHORE	4	48	28.80	125	33.30	36	02	14	20	100	126		X	X	BOTT		
B. C. OFFSHORE	5	48	25.60	125	39.20	36	02	14	21	100	119		X	X	BOTT		
B. C. OFFSHORE	6	48	28.80	125	34.00	36	02	14	22	100	100		X	X	BOTT		
B. C. OFFSHORE	7	48	37.10	125	23.00	36	02	14	23	100	130		X	X	BOTT		
B. C. OFFSHORE	8	48	41.00	125	20.30	36	02	15	00	50	68		X	X	BOTT		
B. C. OFFSHORE	9	48	44.70	125	16.20	36	02	15	01	50	58		X	X	BOTT		
B. C. OFFSHORE	10	48	39.90	125	6.50	36	02	15	17	50	64		X	X	BOTT		
B. C. OFFSHORE	11	48	35.50	125	7.50	36	02	15	18	100	108		X	X	BOTT		
B. C. OFFSHORE	12	48	32.00	125	12.30	36	07	15	19	100	130		X	X	BOTT		
B. C. OFFSHORE	13	48	25.30	125	17.00	36	02	15	20	145	168		X	X	BOTT		
B. C. OFFSHORE	14	48	24.80	125	19.20	36	02	15	20	98	120		X	X	BOTT		
B. C. OFFSHORE	15	48	19.80	125	21.80	36	02	15	21	98	110		X	X	BOTT		
B. C. OFFSHORE	16	48	24.30	125	18.90	36	02	15	22	98	122		X	X	BOTT		
B. C. OFFSHORE	17	48	32.70	125	12.00	36	02	16	00	100	116		X	X	BOTT		
B. C. OFFSHORE	18	48	35.40	125	9.40	36	02	16	01	98	118		X	X	BOTT		
B. C. OFFSHORE	19	48	39.80	125	6.60	36	02	16	01	50	64		X	X	BOTT		
B. C. OFFSHORE	20	48	45.80	125	16.70	36	02	24	17	50	69		X	X	BOTT		
B. C. OFFSHORE	21	48	42.10	125	21.20	36	02	24	18	50	65		X	X	BOTT		
B. C. OFFSHORE	22	48	37.90	125	26.20	36	02	24	19	99	100		X	X	BOTT		
B. C. OFFSHORE	23	48	32.50	125	28.00	36	02	24	20	98	115		X	X	BOTT		
B. C. OFFSHORE	24	48	29.00	125	33.70	36	02	24	21	80	97		X	X	BOTT		
B. C. OFFSHORE	25	48	32.50	125	28.20	36	02	24	23	100	130		X	X	BOTT		
B. C. OFFSHORE	26	48	38.40	125	26.00	36	02	25	00	70	85		X	X	BOTT		
B. C. OFFSHORE	27	48	42.10	125	21.20	36	02	25	00	50	65		X	X	BOTT		
B. C. OFFSHORE	28	48	45.90	125	17.00	36	02	25	01	50	61		X	X	BOTT		

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
B. C. OFFSHORE	29	48	40.00	125	4.10	36	02	25	18	50	53		X	X	BOTT		
B. C. OFFSHORE	30	48	36.20	125	7.10	36	02	25	19	88	103		X	X	BOTT		
B. C. OFFSHORE	31	48	31.50	125	11.70	36	02	25	20	100	132		X	X	BOTT		
B. C. OFFSHORE	32	48	26.60	125	14.20	36	02	25	21	147	162		X	X	BOTT		
B. C. OFFSHORE	33	48	24.50	125	14.80	36	02	25	22	100	135		X	X	BOTT		
B. C. OFFSHORE	34	48	27.40	125	14.80	36	02	25	23	130	155		X	X	BOTT		
B. C. OFFSHORE	35	48	31.70	125	11.90	36	02	25	23	97	131		X	X	BOTT		
B. C. OFFSHORE	36	48	36.00	125	8.10	36	02	26	00	80	100		X	X	BOTT		
B. C. OFFSHORE	37	48	40.50	125	4.90	36	02	26	01	50	58		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 37-0004
YEAR:1937 VESSEL/AGENCY: CATALYST,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	15	54	10.00	133	9.00	37	07	28	16	50	62		X	X	BOTT		
B. C. OFFSHORE	16	54	10.00	133	17.50	37	07	28	17	167	177		X	X	BOTT		
B. C. OFFSHORE	17	54	10.00	133	26.00	37	07	28	19	375	391		X	X	BOTT		
B. C. OFFSHORE	18	54	10.00	133	34.50	37	07	28	20	300	343		X	X	BOTT		
B. C. OFFSHORE	19	54	10.00	133	43.00	37	07	28	21	240	245		X	X	BOTT		
B. C. OFFSHORE	20	54	10.00	134	10.00	37	07	29	00	1100			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 37-0010
YEAR:1937 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	24.0	127	02.0	37	08	25	19	2000			X	X	BOTT		
B. C. OFFSHORE	2	48	19.0	127	15.0	37	08	25	22	2500			X	X	BOTT		
B. C. OFFSHORE	3	48	29.0	127	15.0	37	08	27	00	2000			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 37-0011
YEAR:1937 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	41.10	124	57.70	37	09	08	14	25	27		X	X	BOTT		
B. C. OFFSHORE	2	48	38.60	124	59.50	37	09	08	14	45	53		X	X	BOTT		
B. C. OFFSHORE	3	48	34.30	125	2.20	37	09	08	15	75	81		X	X	BOTT		
B. C. OFFSHORE	4	48	29.00	125	9.50	37	09	08	16	140	150		X	X	BOTT		
B. C. OFFSHORE	5	48	23.70	125	13.70	37	09	08	17	150	166		X	X	BOTT		
B. C. OFFSHORE	6	48	12.00	125	21.90	37	09	08	19	100	103		X	X	BOTT		
B. C. OFFSHORE	7	48	12.70	125	35.70	37	09	08	20	200			X	X	BOTT		
B. C. OFFSHORE	8	48	17.00	125	23.20	37	09	08	21	100	111		X	X	BOTT		
B. C. OFFSHORE	9	48	24.40	125	13.30	37	09	08	23	150	188		X	X	BOTT		
B. C. OFFSHORE	10	48	29.60	125	7.30	37	09	09	00	135	142		X	X	BOTT		
B. C. OFFSHORE	11	48	34.60	125	2.00	37	09	09	01	50	74		X	X	BOTT		
B. C. OFFSHORE	12	48	38.50	124	59.50	37	09	09	02	40	49		X	X	BOTT		
B. C. OFFSHORE	13	48	44.70	125	15.60	37	09	09	15	50	54		X	X	BOTT		
B. C. OFFSHORE	14	48	38.80	125	21.80	37	09	09	16	75	83		X	X	BOTT		
B. C. OFFSHORE	15	48	32.80	125	27.40	37	09	09	17	100	113		X	X	BOTT		
B. C. OFFSHORE	16	48	27.30	125	32.50	37	09	09	18	95	100		X	X	BOTT		
B. C. OFFSHORE	17	48	21.70	125	37.00	37	09	09	19	140	147		X	X	BOTT		
B. C. OFFSHORE	18	48	14.80	125	44.00	37	09	09	20	200			X	X	BOTT		
B. C. OFFSHORE	19	48	21.90	125	37.70	37	09	09	21	140	144		X	X	BOTT		
B. C. OFFSHORE	20	48	28.00	125	32.80	37	09	09	23	75	92		X	X	BOTT		

B. C. OFFSHORE	21	48	35.00	125	26.40	37	09	10	00	135	139		X	X	BOTT		
B. C. OFFSHORE	22	48	39.70	125	20.40	37	09	10	01	75	86		X	X	BOTT		
B. C. OFFSHORE	23	48	44.70	125	15.90	37	09	10	02	45			X	X	BOTT		
B. C. OFFSHORE	24	48	50.70	125	29.70	37	09	10	15	100	106		X	X	BOTT		
B. C. OFFSHORE	25	48	45.00	125	36.00	37	09	10	17	150	155		X	X	BOTT		
B. C. OFFSHORE	26	48	39.00	125	41.20	37	09	10	18	50	60		X	X	BOTT		
B. C. OFFSHORE	27	48	31.90	125	49.90	37	09	10	19	75	89		X	X	BOTT		
B. C. OFFSHORE	28	48	23.30	125	55.20	37	09	10	21	200			X	X	BOTT		
B. C. OFFSHORE	29	48	30.80	125	49.70	37	09	10	22	75			X	X	BOTT		
B. C. OFFSHORE	30	48	38.40	125	40.40	37	09	10	23	50	56		X	X	BOTT		
B. C. OFFSHORE	31	48	44.90	125	35.80	37	09	11	00	150	150		X	X	BOTT		
B. C. OFFSHORE	32	48	50.70	125	29.70	37	09	11	01	100	103		X	X	BOTT		
B. C. OFFSHORE	33	48	28.40	124	47.70	37	09	14	15	200	300		X	X	BOTT		
B. C. OFFSHORE	34	48	24.90	124	54.70	37	09	14	16	130	138		X	X	BOTT		
B. C. OFFSHORE	35	48	18.30	125	1.60	37	09	14	17	190	200		X	X	BOTT		
B. C. OFFSHORE	36	48	16.90	125	7.00	37	09	14	19	200	255		X	X	BOTT		
B. C. OFFSHORE	37	48	9.40	125	12.50	37	09	14	20	150	165		X	X	BOTT		
B. C. OFFSHORE	38	48	0.50	125	35.70	37	09	14	22	150	172		X	X	BOTT		
B. C. OFFSHORE	44	48	23.30	124	46.50	37	09	15	05	100	118		X	X	BOTT		
B. C. OFFSHORE	45	48	26.90	124	46.90	37	09	15	06	200			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 37-0012
YEAR:1937 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	44.80	125	15.80	37	02	25	16	47	53		X	X	BOTT		
B. C. OFFSHORE	2	48	39.40	125	21.20	37	02	25	17	90	100		X	X	BOTT		
B. C. OFFSHORE	3	48	31.70	125	26.50	37	02	25	18	85	95		X	X	BOTT		
B. C. OFFSHORE	4	48	28.40	125	33.70	37	02	25	19	85	95		X	X	BOTT		
B. C. OFFSHORE	5	48	25.20	125	41.40	37	02	25	20	100	135		X	X	BOTT		
B. C. OFFSHORE	6	48	24.50	125	29.40	37	02	25	21	100			X	X	BOTT		
B. C. OFFSHORE	7	48	19.50	125	22.30	37	02	25	22	100			X	X	BOTT		
B. C. OFFSHORE	8	48	23.60	125	19.40	37	02	25	23	100			X	X	BOTT		
B. C. OFFSHORE	9	48	29.40	125	14.00	37	02	26	00	100			X	X	BOTT		
B. C. OFFSHORE	10	48	34.90	125	9.70	37	02	26	01	90			X	X	BOTT		
B. C. OFFSHORE	11	48	40.20	125	5.30	37	02	26	02	50			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 37-0013
YEAR:1937 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	26.60	124	45.30	37	06	16	15	200			X	X	BOTT		
B. C. OFFSHORE	2	48	21.00	124	49.00	37	06	16	16	50	62		X	X	BOTT		
B. C. OFFSHORE	7	48	12.00	125	8.30	37	06	16	22	100	119		X	X	BOTT		
B. C. OFFSHORE	8	48	20.00	125	6.00	37	06	16	23	100	119		X	X	BOTT		
B. C. OFFSHORE	9	48	24.10	125	13.00	37	06	17	00	150	170		X	X	BOTT		
B. C. OFFSHORE	10	48	34.40	125	11.00	37	06	17	02	95	102		X	X	BOTT		
B. C. OFFSHORE	11	48	38.00	125	13.70	37	06	17	03	100	109		X	X	BOTT		
B. C. OFFSHORE	12	48	43.70	125	12.50	37	06	17	03	50	58		X	X	BOTT		
B. C. OFFSHORE	13	48	46.50	125	18.60	37	06	21	16	75	90		X	X	BOTT		
B. C. OFFSHORE	14	48	41.50	125	20.50	37	06	21	17	50	60		X	X	BOTT		
B. C. OFFSHORE	15	48	35.50	125	24.00	37	06	21	19	75	95		X	X	BOTT		
B. C. OFFSHORE	16	48	27.10	125	30.50	37	06	21	20	145	154		X	X	BOTT		
B. C. OFFSHORE	17	48	19.90	125	30.80	37	06	21	22	125	135		X	X	BOTT		
B. C. OFFSHORE	18	48	16.00	125	29.30	37	06	21	23	125	134		X	X	BOTT		
B. C. OFFSHORE	19	48	21.40	125	21.60	37	06	22	00	100	127		X	X	BOTT		
B. C. OFFSHORE	20	48	26.30	125	15.30	37	06	22	01	150	177		X	X	BOTT		
B. C. OFFSHORE	21	48	34.00	125	10.00	37	06	22	03	100	113		X	X	BOTT		
B. C. OFFSHORE	22	48	41.00	125	6.00	37	06	22	04	50	60		X	X	BOTT		
B. C. OFFSHORE	23	48	54.00	125	34.50	37	06	23	15	90	105		X	X	BOTT		
B. C. OFFSHORE	24	48	50.50	125	37.00	37	06	23	16	30	45		X	X	BOTT		
B. C. OFFSHORE	25	48	46.70	125	40.00	37	06	23	18	100	121		X	X	BOTT		
B. C. OFFSHORE	26	48	40.00	125	39.50	37	06	23	19	50	60		X	X	BOTT		

B. C. OFFSHORE	27	48	28.30	125	49.80	37	06	23	21	100	125		X	X	BOTT		
B. C. OFFSHORE	28	48	23.70	125	48.00	37	06	23	22	140	150		X	X	BOTT		
B. C. OFFSHORE	29	48	27.50	125	44.50	37	06	23	23	100	112		X	X	BOTT		
B. C. OFFSHORE	30	48	32.40	125	33.70	37	06	24	01	85	95		X	X	BOTT		
B. C. OFFSHORE	31	48	40.50	125	24.30	37	06	24	02	50	65		X	X	BOTT		
B. C. OFFSHORE	32	48	45.50	125	17.00	37	06	24	03	50	76		X	X	BOTT		
B. C. OFFSHORE	33	48	42.00	125	10.00	37	06	24	17	48	56		X	X	BOTT		
B. C. OFFSHORE	34	48	36.70	125	6.50	37	06	24	18	85	95		X	X	BOTT		
B. C. OFFSHORE	35	48	33.50	125	2.70	37	06	24	19	70	80		X	X	BOTT		
B. C. OFFSHORE	36	48	28.40	124	58.90	37	06	24	20	95	103		X	X	BOTT		
B. C. OFFSHORE	37	48	30.70	124	54.80	37	06	24	21	75	82		X	X	BOTT		
B. C. OFFSHORE	38	48	32.20	124	50.30	37	06	24	22	130	150		X	X	BOTT		
B. C. OFFSHORE	39	48	34.00	124	46.40	37	06	24	23	90	100		X	X	BOTT		
B. C. OFFSHORE	40	48	29.80	124	46.20	37	06	25	00	200	256		X	X	BOTT		
B. C. OFFSHORE	41	48	26.60	124	45.50	37	06	25	01	200	240		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 37-0014
YEAR:1937 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	1	48	26.80	124	46.00	37	10	14	14	250	270		X	X	BOTT		
B. C. OFFSHORE	2	48	25.20	124	54.00	37	10	14	15	200	250		X	X	BOTT		
B. C. OFFSHORE	3	48	22.50	125	3.00	37	10	14	16	100	112		X	X	BOTT		
B. C. OFFSHORE	4	48	19.00	125	17.00	37	10	14	18	100	115		X	X	BOTT		
B. C. OFFSHORE	5	48	16.90	125	30.20	37	10	14	19	130	140		X	X	BOTT		
B. C. OFFSHORE	6	48	9.90	125	44.20	37	10	14	21	600	621		X	X	BOTT		
B. C. OFFSHORE	7	48	20.80	125	36.50	37	10	14	23	130	140		X	X	BOTT		
B. C. OFFSHORE	8	48	27.80	125	34.50	37	10	15	00	100	117		X	X	BOTT		
B. C. OFFSHORE	9	48	35.30	125	28.00	37	10	15	02	100	106		X	X	BOTT		
B. C. OFFSHORE	10	48	40.70	125	24.20	37	10	15	02	50	64		X	X	BOTT		
B. C. OFFSHORE	11	48	45.00	125	18.00	37	10	15	03	75	91		X	X	BOTT		
B. C. OFFSHORE	12	48	48.50	125	14.00	37	10	15	04	25	41		X	X	BOTT		
B. C. OFFSHORE	13	49	5.00	125	56.00	37	10	18	14	25	40		X	X	BOTT		
B. C. OFFSHORE	14	49	1.10	126	0.30	37	10	18	15	40	48		X	X	BOTT		
B. C. OFFSHORE	15	48	54.70	126	7.00	37	10	18	16	75			X	X	BOTT		
B. C. OFFSHORE	16	48	46.80	126	16.90	37	10	18	17	150	163		X	X	BOTT		
B. C. OFFSHORE	17	48	34.10	126	27.40	37	10	18	20	1000			X	X	BOTT		
B. C. OFFSHORE	18	48	41.20	126	9.80	37	10	18	22	140	145		X	X	BOTT		
B. C. OFFSHORE	19	48	44.30	125	56.00	37	10	18	23	70	75		X	X	BOTT		
B. C. OFFSHORE	20	48	51.50	125	43.00	37	10	19	01	44	49		X	X	BOTT		
B. C. OFFSHORE	21	48	54.50	125	34.70	37	10	19	02	90	95		X	X	BOTT		
B. C. OFFSHORE	22	49	13.20	126	10.30	37	10	21	19	25	40		X	X	BOTT		
B. C. OFFSHORE	23	49	11.50	126	17.50	37	10	21	19	50	57		X	X	BOTT		
B. C. OFFSHORE	24	49	8.80	126	27.40	37	10	21	20	100	112		X	X	BOTT		
B. C. OFFSHORE	25	49	4.00	126	45.30	37	10	21	22	140	146		X	X	BOTT		
B. C. OFFSHORE	26	49	0.00	126	59.00	37	10	22	00	500	521		X	X	BOTT		
B. C. OFFSHORE	27	49	10.00	126	50.80	37	10	22	02	140	150		X	X	BOTT		
B. C. OFFSHORE	28	49	18.00	126	52.30	37	10	22	03	100	124		X	X	BOTT		
B. C. OFFSHORE	29	49	25.20	126	44.60	37	10	22	04	40	45		X	X	BOTT		
B. C. OFFSHORE	30	49	30.20	126	41.00	37	10	22	05	40	46		X	X	BOTT		
B. C. OFFSHORE	31	49	34.50	126	35.70	37	10	22	06	70	79		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0002
YEAR:1938 VESSEL/AGENCY: AMLAC,PBS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	19	54	15.10	133	7.20	38	05	29	14	75	89		X	X	BOTT		
B. C. OFFSHORE	20	54	25.20	133	15.20	38	05	29	16	300	334		X	X	BOTT		
B. C. OFFSHORE	28	54	10.30	133	9.90	38	05	30	17	90	98		X	X	BOTT		
B. C. OFFSHORE	29	54	11.40	133	17.20	38	05	30	18	150	184		X	X	BOTT		
B. C. OFFSHORE	30	54	16.20	133	11.00	38	05	30	20	300	367		X	X	BOTT		
B. C. OFFSHORE	31	54	12.60	133	7.60	38	05	30	21	75	87		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0004A
YEAR:1938 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	3	48	21.50	124	49.00	38	04	26	15	85	90		X	X	BOTT		
B. C. OFFSHORE	9	48	12.00	125	24.00	38	04	26	23	100	112		X	X	BOTT		
B. C. OFFSHORE	10	48	21.50	125	22.00	38	04	27	00	100	122		X	X	BOTT		
B. C. OFFSHORE	11	48	30.40	125	19.00	38	04	27	02	140	148		X	X	BOTT		
B. C. OFFSHORE	12	48	38.70	125	16.80	38	04	27	03	100	111		X	X	BOTT		
B. C. OFFSHORE	13	48	45.00	125	15.00	38	04	27	04	40	48		X	X	BOTT		
B. C. OFFSHORE	14	48	48.20	125	14.30	38	04	27	05	25	40		X	X	BOTT		
B. C. OFFSHORE	15	48	49.70	125	23.00	38	04	28	14	50	59		X	X	BOTT		
B. C. OFFSHORE	16	48	43.30	125	26.80	38	04	28	15	125	135		X	X	BOTT		
B. C. OFFSHORE	17	48	34.00	125	30.00	38	04	28	17	100	126		X	X	BOTT		
B. C. OFFSHORE	18	48	24.50	125	31.00	38	04	28	19	100	125		X	X	BOTT		
B. C. OFFSHORE	19	48	16.50	125	20.50	38	04	28	21	95	98		X	X	BOTT		
B. C. OFFSHORE	20	48	12.00	125	12.00	38	04	28	22	100	116		X	X	BOTT		
B. C. OFFSHORE	21	48	22.70	125	6.00	38	04	28	23	100	115		X	X	BOTT		
B. C. OFFSHORE	22	48	28.30	125	7.30	38	04	29	00	150	175		X	X	BOTT		
B. C. OFFSHORE	23	48	33.60	125	7.80	38	04	29	02	100	105		X	X	BOTT		
B. C. OFFSHORE	24	48	39.70	125	10.00	38	04	29	03	75	90		X	X	BOTT		
B. C. OFFSHORE	25	48	43.90	125	12.30	38	04	29	04	35	45		X	X	BOTT		
B. C. OFFSHORE	26	48	54.00	125	35.00	38	05	04	14	90	100		X	X	BOTT		
B. C. OFFSHORE	27	48	44.40	125	37.30	38	05	04	15	150			X	X	BOTT		
B. C. OFFSHORE	28	48	35.80	125	45.00	38	05	04	16	65	70		X	X	BOTT		
B. C. OFFSHORE	29	48	25.70	125	43.00	38	05	04	18	100	132		X	X	BOTT		
B. C. OFFSHORE	30	48	16.50	125	47.00	38	05	04	19	150	178		X	X	BOTT		
B. C. OFFSHORE	31	48	10.60	125	48.70	38	05	04	21	800	856		X	X	BOTT		
B. C. OFFSHORE	32	48	14.70	125	33.00	38	05	04	23	140	145		X	X	BOTT		
B. C. OFFSHORE	33	48	17.00	125	22.90	38	05	05	00	100	116		X	X	BOTT		
B. C. OFFSHORE	37	48	32.80	124	48.70	38	05	05	17	125	134		X	X	BOTT		
B. C. OFFSHORE	38	48	39.60	124	56.50	38	05	05	19	40	48		X	X	BOTT		
B. C. OFFSHORE	39	48	32.60	125	0.30	38	05	05	20	50	61		X	X	BOTT		
B. C. OFFSHORE	40	48	27.40	125	0.00	38	05	05	21	125	132		X	X	BOTT		
B. C. OFFSHORE	41	48	21.50	124	57.00	38	05	05	22	100	120		X	X	BOTT		
B. C. OFFSHORE	42	48	24.20	124	51.00	38	05	05	23	300	340		X	X	BOTT		
B. C. OFFSHORE	43	48	26.80	124	44.60	38	05	06	00	200	242		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0004B
YEAR:1938 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	6	48	26.20	124	44.40	38	06	15	16	200	230		X	X	BOTT		
B. C. OFFSHORE	7	48	30.90	124	46.40	38	06	15	17	200	230		X	X	BOTT		
B. C. OFFSHORE	8	48	34.50	124	46.40	38	06	15	18	70	76		X	X	BOTT		
B. C. OFFSHORE	9	48	33.70	124	55.60	38	06	15	19	65	70		X	X	BOTT		
B. C. OFFSHORE	10	48	27.30	124	57.40	38	06	15	20	100	130		X	X	BOTT		
B. C. OFFSHORE	11	48	21.00	124	58.40	38	06	15	21	150	203		X	X	BOTT		
B. C. OFFSHORE	12	48	24.00	124	51.20	38	06	15	22	300	335		X	X	BOTT		
B. C. OFFSHORE	13	48	25.30	124	44.40	38	06	15	23	200	212		X	X	BOTT		
B. C. OFFSHORE	18	48	24.20	124	45.50	38	06	16	14	100	135		X	X	BOTT		
B. C. OFFSHORE	21	48	12.50	125	11.00	38	06	16	18	100	122		X	X	BOTT		
B. C. OFFSHORE	22	48	14.50	125	18.00	38	06	16	19	100	110		X	X	BOTT		
B. C. OFFSHORE	23	48	19.70	125	25.50	38	06	16	21	130	142		X	X	BOTT		
B. C. OFFSHORE	24	48	28.50	125	25.40	38	06	16	22	150	156		X	X	BOTT		
B. C. OFFSHORE	25	48	35.00	125	25.50	38	06	16	23	90	93		X	X	BOTT		
B. C. OFFSHORE	26	48	41.80	125	25.00	38	06	17	00	100	138		X	X	BOTT		
B. C. OFFSHORE	27	48	47.20	125	17.00	38	06	17	01	75	90		X	X	BOTT		
B. C. OFFSHORE	28	48	45.50	125	15.00	38	06	17	14	40	45		X	X	BOTT		
B. C. OFFSHORE	29	48	38.50	125	11.80	38	06	17	15	100	103		X	X	BOTT		
B. C. OFFSHORE	30	48	32.00	125	10.50	38	06	17	16	100	128		X	X	BOTT		
B. C. OFFSHORE	31	48	23.80	125	9.50	38	06	17	17	100	114		X	X	BOTT		
B. C. OFFSHORE	32	48	24.50	124	57.20	38	06	17	19	250	263		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0004C
YEAR:1938 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	36.30	124	52.50	38	07	19	19	50	54		X	X	BOTT		
B. C. OFFSHORE	2	48	32.00	124	54.20	38	07	19	20	70	77		X	X	BOTT		
B. C. OFFSHORE	3	48	25.00	124	57.20	38	07	19	21	250	267		X	X	BOTT		
B. C. OFFSHORE	4	48	24.80	125	10.20	38	07	19	23	150	176		X	X	BOTT		
B. C. OFFSHORE	5	48	25.00	125	19.50	38	07	20	00	150	175		X	X	BOTT		
B. C. OFFSHORE	6	48	32.50	125	17.00	38	07	20	01	100	116		X	X	BOTT		
B. C. OFFSHORE	7	48	37.80	125	16.50	38	07	20	02	100	112		X	X	BOTT		
B. C. OFFSHORE	8	48	43.10	125	14.30	38	07	20	03	75	80		X	X	BOTT		
B. C. OFFSHORE	9	48	46.20	125	22.70	38	07	21	14	90	97		X	X	BOTT		
B. C. OFFSHORE	10	48	38.30	125	25.70	38	07	21	16	75	83		X	X	BOTT		
B. C. OFFSHORE	11	48	28.70	125	27.80	38	07	21	17	100	102		X	X	BOTT		
B. C. OFFSHORE	12	48	15.70	125	30.00	38	07	21	19	100	131		X	X	BOTT		
B. C. OFFSHORE	13	48	19.90	125	42.00	38	07	21	21	135	144		X	X	BOTT		
B. C. OFFSHORE	14	48	28.70	125	40.70	38	07	21	22	100	112		X	X	BOTT		
B. C. OFFSHORE	15	48	39.40	125	45.10	38	07	22	00	50	68		X	X	BOTT		
B. C. OFFSHORE	16	48	51.70	125	35.00	38	07	22	02	45	51		X	X	BOTT		
B. C. OFFSHORE	17	48	38.80	125	6.10	38	07	22	17	68	73		X	X	BOTT		
B. C. OFFSHORE	18	48	32.70	125	6.90	38	07	22	18	100	121		X	X	BOTT		
B. C. OFFSHORE	19	48	24.00	124	59.00	38	07	22	20	275	300		X	X	BOTT		
B. C. OFFSHORE	20	48	26.20	124	45.00	38	07	22	21	200	230		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0004D
YEAR:1938 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	3	48	23.50	124	55.00	38	11	20	00	200	240		X	X	BOTT		
B. C. OFFSHORE	6	48	32.00	124	54.00	38	11	20	18	75	80		X	X	BOTT		
B. C. OFFSHORE	7	48	39.00	124	58.00	38	11	20	19	75	78		X	X	BOTT		
B. C. OFFSHORE	8	48	35.00	125	4.00	38	11	20	20	100	105		X	X	BOTT		
B. C. OFFSHORE	9	48	40.00	125	15.00	38	11	20	21	90	100		X	X	BOTT		
B. C. OFFSHORE	10	48	45.00	125	15.00	38	11	20	22	45	50		X	X	BOTT		
B. C. OFFSHORE	11	48	46.50	125	21.00	38	11	21	15	75	93		X	X	BOTT		
B. C. OFFSHORE	12	48	40.00	125	27.50	38	11	21	16	50	65		X	X	BOTT		
B. C. OFFSHORE	13	48	32.50	125	34.00	38	11	21	17	75	82		X	X	BOTT		
B. C. OFFSHORE	14	48	25.50	125	40.50	38	11	21	19	125	140		X	X	BOTT		
B. C. OFFSHORE	15	48	25.00	125	31.00	38	11	21	20	125	137		X	X	BOTT		
B. C. OFFSHORE	16	48	31.50	125	29.00	38	11	21	21	75	95		X	X	BOTT		
B. C. OFFSHORE	17	48	40.00	125	20.50	38	11	21	22	75	87		X	X	BOTT		
B. C. OFFSHORE	18	48	45.50	125	15.00	38	11	21	23	42	52		X	X	BOTT		
B. C. OFFSHORE	19	48	42.00	125	7.00	38	11	22	20	40	46		X	X	BOTT		
B. C. OFFSHORE	20	48	34.00	125	14.00	38	11	22	22	100	105		X	X	BOTT		
B. C. OFFSHORE	21	48	26.00	125	20.00	38	11	22	23	150	174		X	X	BOTT		
B. C. OFFSHORE	22	48	16.00	125	25.00	38	11	23	00	100	110		X	X	BOTT		
B. C. OFFSHORE	23	48	15.00	125	16.00	38	11	23	02	150	190		X	X	BOTT		
B. C. OFFSHORE	24	48	16.00	124	59.00	38	11	23	03	200	230		X	X	BOTT		
B. C. OFFSHORE	26	48	20.00	124	49.00	38	11	23	05	40	49		X	X	BOTT		
B. C. OFFSHORE	27	48	24.00	124	48.00	38	11	23	06	200	240		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0005
YEAR:1938 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B.C. OFFSHORE	1	47	59.0	126	09.0	38	05	29	18	1500			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0006
YEAR:1938 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
OFF VAN. IS.	2	48	29.0	127	01.0	38	08	12	19	2000							
OFF VAN. IS.	3	48	34.0	127	13.0	38	08	13	03	2000							
OFF VAN. IS.	4	48	39.0	127	01.0	38	08	13	06	2000							

BOTTLE/CTD DATA SET NUMBER: 38-0007
YEAR:1938 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	47.10	125	18.70	38	01	20	16	75	85		X	X	BOTT		
B. C. OFFSHORE	2	48	47.10	125	18.70	38	01	24	16	75	87		X	X	BOTT		
B. C. OFFSHORE	3	48	45.50	125	26.50	38	01	24	17	100	107		X	X	BOTT		
B. C. OFFSHORE	4	48	42.00	125	23.60	38	01	24	19	90	98		X	X	BOTT		
B. C. OFFSHORE	5	48	36.80	125	20.80	38	01	24	20	100	125		X	X	BOTT		
B. C. OFFSHORE	6	48	30.00	125	21.00	38	01	24	21	135	142		X	X	BOTT		
B. C. OFFSHORE	7	48	24.70	125	16.80	38	01	24	22	150	180		X	X	BOTT		
B. C. OFFSHORE	8	48	24.10	125	8.90	38	01	25	00	100	110		X	X	BOTT		
B. C. OFFSHORE	9	48	23.90	124	55.90	38	01	25	01	200	250		X	X	BOTT		
B. C. OFFSHORE	10	48	25.50	124	47.30	38	01	25	02	200	280		X	X	BOTT		
B. C. OFFSHORE	15	48	26.50	124	46.00	38	01	25	18	200	270		X	X	BOTT		
B. C. OFFSHORE	16	48	19.50	124	47.90	38	01	25	20	25	40		X	X	BOTT		
B. C. OFFSHORE	17	48	21.90	124	52.70	38	01	25	21	275			X	X	BOTT		
B. C. OFFSHORE	18	48	28.80	124	59.70	38	01	25	22	95	105		X	X	BOTT		
B. C. OFFSHORE	19	48	31.60	124	53.80	38	01	25	23	70	73		X	X	BOTT		
B. C. OFFSHORE	20	48	34.20	124	48.20	38	01	26	00	50	75		X	X	BOTT		
B. C. OFFSHORE	24	48	29.50	124	51.10	38	01	26	18	200	231		X	X	BOTT		
B. C. OFFSHORE	25	48	34.10	124	53.10	38	01	26	19	50	71		X	X	BOTT		
B. C. OFFSHORE	26	48	38.00	124	55.00	38	01	26	20	45	55		X	X	BOTT		
B. C. OFFSHORE	27	48	34.30	125	5.20	38	01	26	21	100	115		X	X	BOTT		
B. C. OFFSHORE	28	48	32.00	125	14.00	38	01	26	22	100	135		X	X	BOTT		
B. C. OFFSHORE	29	48	37.70	125	15.00	38	01	26	23	100	114		X	X	BOTT		
B. C. OFFSHORE	30	48	44.70	125	12.80	38	01	27	00	45	53		X	X	BOTT		
B. C. OFFSHORE	31	48	48.30	125	13.20	38	01	27	00	25	35		X	X	BOTT		
B. C. OFFSHORE	32	48	45.20	125	15.30	38	01	27	16	45	54		X	X	BOTT		
B. C. OFFSHORE	33	48	40.30	125	20.00	38	01	27	17	75	87		X	X	BOTT		
B. C. OFFSHORE	34	48	35.20	125	26.20	38	01	27	19	85	103		X	X	BOTT		
B. C. OFFSHORE	35	48	25.00	125	21.50	38	01	27	20	100	130		X	X	BOTT		
B. C. OFFSHORE	36	48	16.20	125	30.00	38	01	27	22	100	145		X	X	BOTT		
B. C. OFFSHORE	37	48	12.00	125	18.50	38	01	27	23	100	131		X	X	BOTT		
B. C. OFFSHORE	38	48	16.30	125	0.00	38	01	28	01	200			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0008
YEAR:1938 VESSEL/AGENCY: ARMENTIERES,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	47.70	125	21.20	38	02	16	16	75	90		X	X	BOTT		
B. C. OFFSHORE	2	48	42.50	125	27.20	38	02	16	17	75	84		X	X	BOTT		
B. C. OFFSHORE	3	48	38.00	125	32.00	38	02	16	18	65	77		X	X	BOTT		
B. C. OFFSHORE	4	48	33.00	125	38.00	38	02	16	19	70	76		X	X	BOTT		
B. C. OFFSHORE	5	48	28.50	125	42.20	38	02	16	20	100	107		X	X	BOTT		
B. C. OFFSHORE	6	48	27.50	125	35.90	38	02	16	21	100	105		X	X	BOTT		
B. C. OFFSHORE	7	48	26.50	125	27.00	38	02	16	22	150	159		X	X	BOTT		
B. C. OFFSHORE	8	48	30.50	125	22.70	38	02	16	23	150	157		X	X	BOTT		
B. C. OFFSHORE	9	48	34.80	125	17.70	38	02	17	00	100	110		X	X	BOTT		
B. C. OFFSHORE	10	48	39.00	125	11.80	38	02	17	01	100	104		X	X	BOTT		
B. C. OFFSHORE	11	48	43.00	125	9.80	38	02	17	02	40	48		X	X	BOTT		
B. C. OFFSHORE	12	48	46.00	125	14.80	38	02	17	02	40	45		X	X	BOTT		
B. C. OFFSHORE	13	48	45.30	125	14.20	38	02	17	16	40	45		X	X	BOTT		
B. C. OFFSHORE	14	48	43.00	125	9.80	38	02	17	17	45	52		X	X	BOTT		
B. C. OFFSHORE	15	48	39.50	125	13.70	38	02	17	17	100	105		X	X	BOTT		
B. C. OFFSHORE	16	48	34.90	125	17.00	38	02	17	18	100	110		X	X	BOTT		
B. C. OFFSHORE	17	48	30.00	125	22.60	38	02	17	19	140	147		X	X	BOTT		
B. C. OFFSHORE	18	48	26.20	125	27.10	38	02	17	20	150	157		X	X	BOTT		
B. C. OFFSHORE	19	48	27.00	125	33.00	38	02	17	21	100	104		X	X	BOTT		
B. C. OFFSHORE	20	48	29.60	125	42.70	38	02	17	22	100	106		X	X	BOTT		
B. C. OFFSHORE	21	48	34.20	125	40.50	38	02	17	23	65	73		X	X	BOTT		
B. C. OFFSHORE	22	48	37.90	125	35.50	38	02	18	00	100	104		X	X	BOTT		
B. C. OFFSHORE	23	48	41.00	125	29.20	38	02	18	01	100	113		X	X	BOTT		
B. C. OFFSHORE	24	48	47.70	125	23.70	38	02			75	88		X	X	BOTT		
B. C. OFFSHORE	25	48	47.80	125	22.30	38	02	22	16	80	90		X	X	BOTT		
B. C. OFFSHORE	26	48	43.00	125	28.30	38	02	22	17	100	131		X	X	BOTT		
B. C. OFFSHORE	27	48	38.80	125	34.60	38	02	22	18	50	68		X	X	BOTT		
B. C. OFFSHORE	28	48	34.10	125	39.20	38	02	22	19	50	65		X	X	BOTT		
B. C. OFFSHORE	29	48	29.30	125	41.50	38	02	22	20	90	97		X	X	BOTT		
B. C. OFFSHORE	30	48	28.50	125	33.80	38	02	22	21	75	94		X	X	BOTT		
B. C. OFFSHORE	31	48	27.70	125	27.40	38	02	22	22	150	156		X	X	BOTT		
B. C. OFFSHORE	32	48	31.60	125	21.00	38	02	22	23	100	119		X	X	BOTT		
B. C. OFFSHORE	33	48	35.00	125	18.70	38	02	23	00	100	108		X	X	BOTT		
B. C. OFFSHORE	34	48	39.00	125	17.00	38	02	23	01	100	111		X	X	BOTT		
B. C. OFFSHORE	35	48	43.20	125	11.00	38	02	23	02	50	57		X	X	BOTT		
B. C. OFFSHORE	36	48	46.30	125	15.50	38	02	23	02	45	52		X	X	BOTT		
B. C. OFFSHORE	37	48	45.90	125	14.80	38	02	23	16	40	48		X	X	BOTT		
B. C. OFFSHORE	38	48	43.30	125	11.20	38	02	23	17	45	48		X	X	BOTT		
B. C. OFFSHORE	39	48	39.90	125	13.50	38	02	23	18	100	104		X	X	BOTT		
B. C. OFFSHORE	40	48	35.30	125	18.00	38	02	23	18	100	125		X	X	BOTT		
B. C. OFFSHORE	41	48	29.60	125	21.70	38	02	23	20	140	149		X	X	BOTT		
B. C. OFFSHORE	42	48	27.00	125	27.30	38	02	23	21	150	156		X	X	BOTT		
B. C. OFFSHORE	43	48	27.30	125	33.50	38	02	23	22	100	116		X	X	BOTT		
B. C. OFFSHORE	44	48	28.30	125	40.70	38	02	23	23	98	102		X	X	BOTT		
B. C. OFFSHORE	45	48	33.70	125	38.80	38	02	23	23	68	72		X	X	BOTT		
B. C. OFFSHORE	46	48	37.70	125	32.70	38	02	24	00	75	90		X	X	BOTT		
B. C. OFFSHORE	47	48	43.10	125	28.50	38	02	24	01	100	132		X	X	BOTT		
B. C. OFFSHORE	48	48	47.50	125	23.00	38	02	24	02	75	89		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 38-0010
YEAR:1938 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
OFF.VAN.ISLAND		51	38.	136	46.	38	09	24		0			X	X	BOTT		
OFF.VAN.ISLAND		51	42.	136	31.	38	09	24		0			X	X	BOTT		
OFF.VAN.ISLAND		51	32.	136	01.	38	09	24		0			X	X	BOTT		
OFF.VAN.ISLAND		51	28.	135	46.	38	09	24		0			X	X	BOTT		
OFF.VAN.ISLAND		51	24.	135	31.	38	09	24		0			X	X	BOTT		
OFF.VAN.ISLAND		51	20.	135	16.	38	09	24		0			X	X	BOTT		
OFF.VAN.ISLAND		51	16.	135	01.	38	09	24		0			X	X	BOTT		
OFF.VAN.ISLAND		51	12.	134	43.	38	09	24		0			X	X	BOTT		

OFF.VAN.ISLAND	51	08.	134	27.	38	09	24	0			X	X	BOTT	
OFF.VAN.ISLAND	51	04.	134	11.	38	09	24	0			X	X	BOTT	
OFF.VAN.ISLAND	51	00.	133	55.	38	09	24	0			X	X	BOTT	
OFF.VAN.ISLAND	50	56.	133	39.	38	09	24	0			X	X	BOTT	
OFF.VAN.ISLAND	50	52.	133	23.	38	09	24	0			X	X	BOTT	
OFF.VAN.ISLAND	50	37.	132	33.	38	09	24	0			X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 39-0002
YEAR:1939 VESSEL/AGENCY: A.P. KNIGHT,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BARKLEY SOUND	1	48	57.20	125	2.40	39	10	29	22	200			X	X	BOTT		
BARKLEY SOUND	2	48	49.70	125	10.50	39	10	30	00	50			X	X	BOTT		
BARKLEY SOUND	3	48	49.70	125	10.50	39	10	30	17	50			X	X	BOTT		
BARKLEY SOUND	4	48	52.30	125	13.70	39	10	30	19	80			X	X	BOTT		
BARKLEY SOUND	5	48	52.30	125	13.70	39	10	30	22	80			X	X	BOTT		
BARKLEY SOUND	6	48	57.90	125	6.80	39	10	31	00	80			X	X	BOTT		
BARKLEY SOUND	7	48	57.20	125	2.40	39	10	31	17	150			X	X	BOTT		
BARKLEY SOUND	8	48	57.90	125	6.80	39	10	31	18	80			X	X	BOTT		
BARKLEY SOUND	9	48	58.70	124	54.50	39	10	31	20	200			X	X	BOTT		
ALBERNI INLET	10	49	4.00	124	50.80	39	10	31	23	200			X	X	BOTT		
ALBERNI INLET	11	49	9.30	124	48.00	39	11	01	00	100			X	X	BOTT		
ALBERNI INLET	12	49	12.80	124	49.10	39	11	01	02	50			X	X	BOTT		
ALBERNI INLET	13	49	13.70	124	49.10	39	11	01	16	10			X	X	BOTT		
ALBERNI INLET	14	49	12.80	124	49.10	39	11	01	17	50			X	X	BOTT		
ALBERNI INLET	15	49	9.30	124	48.00	39	11	01	19	100			X	X	BOTT		
ALBERNI INLET	16	49	4.00	124	50.80	39	11	01	20	200			X	X	BOTT		
ALBERNI INLET	17	48	58.70	124	54.50	39	11	01	23	200			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 41-0003A
YEAR:1941 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
CAPE FLATTERY	20	48	24.0	124	46.0	41	07	21	02	110			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 41-0003B
YEAR:1941 VESSEL/AGENCY: CATALYST,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	32	48	26.	124	51.	41	08	09	11	324							

BOTTLE/CTD DATA SET NUMBER: 41-0005A
YEAR:1941 VESSEL/AGENCY: A.P. KNIGHT,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	1	49	13.70	124	49.50	41	04	23	17	10			X	X	BOTT		
ALBERNI INLET	2	49	13.70	124	49.50	41	04	24	01	10			X	X	BOTT		
ALBERNI INLET	3	49	13.70	124	49.50	41	04	24	19	10			X	X	BOTT		
ALBERNI INLET	4	49	13.70	124	49.50	41	04	25	01	10			X	X	BOTT		
ALBERNI INLET	5	49	13.70	124	49.50	41	05	02	18	9			X	X	BOTT		
ALBERNI INLET	6	49	13.70	124	49.50	41	05	03	00	10			X	X	BOTT		
ALBERNI INLET	7	49	13.70	124	49.50	41	05	03	19	9			X	X	BOTT		
ALBERNI INLET	8	49	13.70	124	49.50	41	05	04	01	10			X	X	BOTT		
ALBERNI INLET	9	49	13.70	124	49.50	41	05	08	18	10			X	X	BOTT		
ALBERNI INLET	10	49	13.70	124	49.50	41	05	09	00	8			X	X	BOTT		
ALBERNI INLET	11	49	13.70	124	49.50	41	05	09	19	10			X	X	BOTT		
ALBERNI INLET	12	49	13.70	124	49.50	41	05	10	01	8			X	X	BOTT		
ALBERNI INLET	13	49	14.10	124	48.90	41	05	15	17	6			X	X	BOTT		
ALBERNI INLET	14	49	14.10	124	49.20	41	05	15	17	14			X	X	BOTT		
ALBERNI INLET	15	49	13.70	124	49.50	41	05	15	18	8			X	X	BOTT		
ALBERNI INLET	16	49	14.00	124	50.20	41	05	15	19	5			X	X	BOTT		
ALBERNI INLET	17	49	14.10	124	48.90	41	05	16	01	14			X	X	BOTT		
ALBERNI INLET	18	49	14.00	124	49.20	41	05	16	01	15			X	X	BOTT		
ALBERNI INLET	19	49	13.70	124	49.50	41	05	16	03	9			X	X	BOTT		
ALBERNI INLET	20	49	14.00	124	50.20	41	05	16	04	6			X	X	BOTT		
ALBERNI INLET	21	49	13.20	124	49.30	41	05	16	22	25			X	X	BOTT		
ALBERNI INLET	22	49	13.50	124	49.50	41	05	16	23	20			X	X	BOTT		
ALBERNI INLET	23	49	13.70	124	49.50	41	05	16	23	8			X	X	BOTT		
ALBERNI INLET	24	49	13.90	124	49.10	41	05	17	01	18			X	X	BOTT		
ALBERNI INLET	25	49	14.30	124	49.00	41	05	17	01	12			X	X	BOTT		
ALBERNI INLET	26	49	14.10	124	48.90	41	06	09	17	10			X	X	BOTT		
ALBERNI INLET	27	49	13.80	124	48.80	41	06	09	18	20			X	X	BOTT		
ALBERNI INLET	28	49	13.10	124	48.90	41	06	09	19	30			X	X	BOTT		
ALBERNI INLET	29	49	13.40	124	49.50	41	06	09	19	20			X	X	BOTT		
ALBERNI INLET	30	49	13.70	124	40.50	41	06	09	20	10			X	X	BOTT		
ALBERNI INLET	31	49	14.00	124	49.30	41	06	09	21	10			X	X	BOTT		
ALBERNI INLET	32	49	14.00	124	49.60	41	06	09	22	10			X	X	BOTT		
ALBERNI INLET	33	49	13.50	124	50.00	41	06	09	22	10			X	X	BOTT		
ALBERNI INLET	34	49	14.10	124	48.90	41	06	10	12	6			X	X	BOTT		
ALBERNI INLET	35	49	13.80	124	48.80	41	06	10	13	20			X	X	BOTT		
ALBERNI INLET	36	49	13.10	124	49.10	41	06	10	13	30			X	X	BOTT		
ALBERNI INLET	37	49	13.10	124	49.60	41	06	10	14	20			X	X	BOTT		
ALBERNI INLET	38	49	13.70	124	49.50	41	06	10	15	6			X	X	BOTT		
ALBERNI INLET	39	49	14.00	124	49.30	41	06	10	16	10			X	X	BOTT		
ALBERNI INLET	40	49	14.00	124	49.70	41	06	10	16	6			X	X	BOTT		
ALBERNI INLET	41	49	13.60	124	50.10	41	06	10	17	10			X	X	BOTT		
ALBERNI INLET	42	49	14.10	124	48.90	41	07	08	17	8			X	X	BOTT		
ALBERNI INLET	43	49	13.10	124	49.50	41	07	08	18	25			X	X	BOTT		
ALBERNI INLET	44	49	13.10	124	49.10	41	07	08	19	30			X	X	BOTT		
ALBERNI INLET	45	49	13.90	124	49.70	41	07	08	20	10			X	X	BOTT		
ALBERNI INLET	46	49	13.70	124	49.50	41	07	08	21	10			X	X	BOTT		
ALBERNI INLET	47	49	14.20	124	49.20	41	07	16	16	10			X	X	BOTT		
ALBERNI INLET	48	49	13.60	124	48.90	41	07	16	17	20			X	X	BOTT		
ALBERNI INLET	49	49	13.10	124	49.10	41	07	16	18	20			X	X	BOTT		
ALBERNI INLET	50	49	13.00	124	49.50	41	07	16	18	20			X	X	BOTT		
ALBERNI INLET	51	49	13.70	124	49.90	41	07	16	20	10			X	X	BOTT		
ALBERNI INLET	52	49	14.00	124	49.50	41	07	16	20	10			X	X	BOTT		
ALBERNI INLET	53	49	13.70	124	49.50	41	07	16	21	10			X	X	BOTT		
ALBERNI INLET	54	49	14.10	124	49.10	41	07	17	12	10			X	X	BOTT		
ALBERNI INLET	55	49	13.60	124	48.90	41	07	17	13	20			X	X	BOTT		
ALBERNI INLET	56	49	13.10	124	49.10	41	07	17	13	20			X	X	BOTT		
ALBERNI INLET	57	49	13.10	124	49.70	41	07	17	14	20			X	X	BOTT		
ALBERNI INLET	58	49	13.60	124	49.80	41	07	17	14	10			X	X	BOTT		
ALBERNI INLET	59	49	13.90	124	49.80	41	07	17	15	10			X	X	BOTT		
ALBERNI INLET	60	49	14.00	124	49.50	41	07	17	15	10			X	X	BOTT		
ALBERNI INLET	61	49	14.10	124	49.10	41	07	17	16	10			X	X	BOTT		
ALBERNI INLET	62	49	13.70	124	49.50	41	07	17	16	10			X	X	BOTT		
ALBERNI INLET	63	49	11.90	124	49.10	41	07	18	15	60			X	X	BOTT		
ALBERNI INLET	64	49	13.70	124	49.50	41	07	18	16	10			X	X	BOTT		
ALBERNI INLET	65	49	11.90	124	49.10	41	07	18	21	60			X	X	BOTT		
ALBERNI INLET	66	49	13.70	124	49.50	41	07	18	22	10			X	X	BOTT		
ALBERNI INLET	67	49	11.90	124	49.10	41	07	19	13	60			X	X	BOTT		
ALBERNI INLET	68	49	13.70	124	49.50	41	07	19	14	10			X	X	BOTT		
ALBERNI INLET	69	49	12.00	124	49.10	41	07	19	17	60			X	X	BOTT		
ALBERNI INLET	70	49	13.70	124	49.50	41	07	19	17	10			X	X	BOTT		
ALBERNI INLET	71	49	12.00	124	49.10	41	07	19	19	60			X	X	BOTT		

ALBERNI INLET	72	49	13.70	124	49.50	41	07	19	20	10			X	X	BOTT		
ALBERNI INLET	73	49	11.90	124	49.10	41	07	19	22	60			X	X	BOTT		
ALBERNI INLET	74	49	13.70	124	49.50	41	07	19	23	10			X	X	BOTT		
ALBERNI INLET	75	49	13.10	124	49.30	41	08	18	21	20			X	X	BOTT		
ALBERNI INLET	76	49	13.70	124	49.50	41	08	18	22	10			X	X	BOTT		
ALBERNI INLET	77	49	13.20	124	49.10	41	08	19	14	20			X	X	BOTT		
ALBERNI INLET	78	49	12.90	124	49.60	41	08	19	15	20			X	X	BOTT		
ALBERNI INLET	79	49	13.70	124	48.80	41	08	19	16	20			X	X	BOTT		
ALBERNI INLET	80	49	13.60	124	49.90	41	08	19	17	10			X	X	BOTT		
ALBERNI INLET	81	49	14.10	124	49.10	41	08	19	18	10			X	X	BOTT		
ALBERNI INLET	82	49	14.20	124	49.20	41	08	19	18	10			X	X	BOTT		
ALBERNI INLET	83	49	13.70	124	49.50	41	08	19	19	10			X	X	BOTT		
ALBERNI INLET	84	49	11.90	124	49.10	41	08	22	14	60			X	X	BOTT		
ALBERNI INLET	85	49	13.70	124	49.50	41	08	22	14	9			X	X	BOTT		
ALBERNI INLET	86	49	11.90	124	49.10	41	08	22	16	60			X	X	BOTT		
ALBERNI INLET	87	49	13.70	124	49.50	41	08	22	17	10			X	X	BOTT		
ALBERNI INLET	88	49	11.90	124	49.10	41	08	22	20	60			X	X	BOTT		
ALBERNI INLET	89	49	13.70	124	49.50	41	08	22	21	10			X	X	BOTT		
ALBERNI INLET	90	49	11.90	124	49.10	41	08	22	23	60			X	X	BOTT		
ALBERNI INLET	91	49	13.70	124	49.50	41	08	23	00	10			X	X	BOTT		
ALBERNI INLET	92	49	13.30	124	48.90	41	08	26	14	20			X	X	BOTT		
ALBERNI INLET	93	49	13.00	124	49.50	41	08	26	14	20			X	X	BOTT		
ALBERNI INLET	94	49	13.70	124	48.80	41	08	26	15	20			X	X	BOTT		
ALBERNI INLET	95	49	13.50	124	49.80	41	08	26	16	10			X	X	BOTT		
ALBERNI INLET	96	49	14.10	124	49.10	41	08	26	17	10			X	X	BOTT		
ALBERNI INLET	97	49	14.20	124	49.20	41	08	26	17	10			X	X	BOTT		
ALBERNI INLET	98	49	13.70	124	49.50	41	08	26	18	10			X	X	BOTT		
ALBERNI INLET	99	49	13.30	124	48.90	41	08	27	20	20			X	X	BOTT		
ALBERNI INLET	100	49	13.00	124	49.50	41	08	27	21	20			X	X	BOTT		
ALBERNI INLET	101	49	13.70	124	48.90	41	08	27	22	20			X	X	BOTT		
ALBERNI INLET	102	49	13.40	124	49.80	41	08	27	22	20			X	X	BOTT		
ALBERNI INLET	103	49	14.00	124	48.90	41	08	27	23	10			X	X	BOTT		
ALBERNI INLET	104	49	14.20	124	49.20	41	08	28	00	10			X	X	BOTT		
ALBERNI INLET	105	49	13.70	124	49.50	41	08	28	00	10			X	X	BOTT		
ALBERNI INLET	106	49	13.10	124	49.30	41	08	28	15	20			X	X	BOTT		
ALBERNI INLET	107	49	13.10	124	49.30	41	08	28	18	20			X	X	BOTT		
ALBERNI INLET	108	49	13.10	124	49.30	41	08	28	21	20			X	X	BOTT		
ALBERNI INLET	109	49	13.10	124	49.30	41	08	29	00	20			X	X	BOTT		
ALBERNI INLET	110	49	13.10	124	49.30	41	08	29	04	20			X	X	BOTT		
ALBERNI INLET	111	49	13.10	124	49.30	41	08	29	07	20			X	X	BOTT		
ALBERNI INLET	112	49	13.10	124	49.30	41	08	29	10	20			X	X	BOTT		
ALBERNI INLET	113	49	13.10	124	49.30	41	08	29	13	20			X	X	BOTT		
ALBERNI INLET	114	49	13.10	124	49.30	41	08	29	16	20			X	X	BOTT		
ALBERNI INLET	115	49	13.10	124	49.30	41	08	29	19	20			X	X	BOTT		
ALBERNI INLET	116	49	13.70	124	49.50	41	09	04	15	10			X	X	BOTT		
ALBERNI INLET	117	49	13.70	124	49.50	41	09	05	19	10			X	X	BOTT		
ALBERNI INLET	118	49	13.20	124	48.90	41	09	08	19	20			X	X	BOTT		
ALBERNI INLET	119	49	13.00	124	49.50	41	09	08	20	20			X	X	BOTT		
ALBERNI INLET	120	49	13.70	124	48.80	41	09	08	20	20			X	X	BOTT		
ALBERNI INLET	121	49	13.50	124	49.80	41	09	08	21	10			X	X	BOTT		
ALBERNI INLET	122	49	14.10	124	48.90	41	09	08	21	10			X	X	BOTT		
ALBERNI INLET	123	49	14.30	124	49.20	41	09	08	22	6			X	X	BOTT		
ALBERNI INLET	124	49	13.70	124	49.50	41	09	08	23	10			X	X	BOTT		
ALBERNI INLET	125	49	13.10	124	48.90	41	09	09	14	20			X	X	BOTT		
ALBERNI INLET	126	49	13.00	124	49.60	41	09	09	15	20			X	X	BOTT		
ALBERNI INLET	127	49	13.20	124	49.10	41	09	11	16	20			X	X	BOTT		
ALBERNI INLET	128	49	13.00	124	49.60	41	09	11	16	20			X	X	BOTT		
ALBERNI INLET	129	49	13.70	124	49.50	41	09	11	18	10			X	X	BOTT		
ALBERNI INLET	130	49	12.40	124	49.10	41	09	13	16	20			X	X	BOTT		
ALBERNI INLET	131	49	12.40	124	49.10	41	09	13	19	60			X	X	BOTT		
ALBERNI INLET	132	49	12.40	124	49.10	41	09	13	22	60			X	X	BOTT		
ALBERNI INLET	133	49	12.40	124	49.10	41	09	14	01	60			X	X	BOTT		
ALBERNI INLET	134	49	13.70	124	49.50	41	09	14	17	10			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 41-0005B
YEAR:1941 VESSEL/AGENCY: A.P. KNIGHT,PBS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	1	49	11.90	124	49.10	41	05	18	20	60			X	X	BOTT		
ALBERNI INLET	2	49	9.10	124	48.10	41	05	19	01	100			X	X	BOTT		
ALBERNI INLET	3	49	2.00	124	51.20	41	05	23	02	150			X	X	BOTT		
ALBERNI INLET	4	48	56.90	125	1,30	41	05	23	17	200			X	X	BOTT		
ALBERNI INLET	5	49	11.90	124	49.10	41	05	28	19	60			X	X	BOTT		

ALBERNI INLET	6	49	9.10	124	48.10	41	05	28	22	100	X	X	BOTT
ALBERNI INLET	7	49	2.00	124	51.20	41	05	28	23	200	X	X	BOTT
ALBERNI INLET	8	48	57.50	125	0.40	41	05	29	02	150	X	X	BOTT
ALBERNI INLET	9	48	57.50	125	0.40	41	05	30	21	150	X	X	BOTT
ALBERNI INLET	10	49	2.00	124	51.20	41	05	30	23	200	X	X	BOTT
ALBERNI INLET	11	49	9.10	124	48.10	41	05	31	01	100	X	X	BOTT
ALBERNI INLET	12	49	11.90	124	49.10	41	05	31	03	60	X	X	BOTT
ALBERNI INLET	13	49	13.70	124	49.50	41	06	04	15	10	X	X	BOTT
ALBERNI INLET	14	49	11.90	124	49.10	41	06	04	16	60	X	X	BOTT
ALBERNI INLET	15	49	9.10	124	48.10	41	06	04	17	100	X	X	BOTT
ALBERNI INLET	16	49	2.00	124	51.20	41	06	04	19	200	X	X	BOTT
ALBERNI INLET	17	48	57.50	125	0.40	41	06	04	22	150	X	X	BOTT
ALBERNI INLET	18	48	57.50	125	0.40	41	06	05	16	150	X	X	BOTT
ALBERNI INLET	19	49	2.00	124	51.20	41	06	05	18	200	X	X	BOTT
ALBERNI INLET	20	49	9.10	124	48.10	41	06	05	21	100	X	X	BOTT
ALBERNI INLET	21	49	11.90	124	49.10	41	06	05	22	60	X	X	BOTT
ALBERNI INLET	22	49	13.70	124	49.50	41	06	05	23	8	X	X	BOTT
ALBERNI INLET	23	49	13.70	124	49.50	41	06	06	15	10	X	X	BOTT
ALBERNI INLET	24	49	11.90	124	49.10	41	06	06	15	60	X	X	BOTT
ALBERNI INLET	25	49	9.10	124	48.10	41	06	06	17	100	X	X	BOTT
ALBERNI INLET	26	49	2.00	124	51.20	41	06	06	18	200	X	X	BOTT
ALBERNI INLET	27	48	57.50	125	0.40	41	06	06	21	150	X	X	BOTT
ALBERNI INLET	28	48	57.50	125	0.40	41	06	07	14	150	X	X	BOTT
ALBERNI INLET	29	49	2.00	124	51.20	41	06	07	16	200	X	X	BOTT
ALBERNI INLET	30	49	9.10	124	48.10	41	06	07	18	100	X	X	BOTT
ALBERNI INLET	31	49	11.90	124	49.10	41	06	07	19	60	X	X	BOTT
ALBERNI INLET	32	49	13.70	124	49.50	41	06	07	20	10	X	X	BOTT
ALBERNI INLET	33	49	13.70	124	49.50	41	06	23	17	8	X	X	BOTT
ALBERNI INLET	34	49	11.90	124	49.10	41	06	23	18	60	X	X	BOTT
ALBERNI INLET	35	49	9.10	124	48.10	41	06	23	19	100	X	X	BOTT
ALBERNI INLET	36	49	2.00	124	51.20	41	06	23	21	200	X	X	BOTT
ALBERNI INLET	37	48	57.50	125	0.40	41	06	24	00	150	X	X	BOTT
ALBERNI INLET	38	48	57.50	125	0.40	41	06	24	19	150	X	X	BOTT
ALBERNI INLET	39	49	2.00	124	51.20	41	06	25	00	160	X	X	BOTT
ALBERNI INLET	40	48	57.50	125	0.40	41	06	25	15	150	X	X	BOTT
ALBERNI INLET	41	49	2.00	124	51.20	41	06	25	18	200	X	X	BOTT
ALBERNI INLET	42	49	8.50	124	48.20	41	06	25	21	100	X	X	BOTT
ALBERNI INLET	43	49	11.90	124	49.10	41	06	25	22	60	X	X	BOTT
ALBERNI INLET	44	49	13.70	124	49.50	41	06	25	23	10	X	X	BOTT
ALBERNI INLET	45	49	13.70	124	49.50	41	06	26	15	6	X	X	BOTT
ALBERNI INLET	46	49	11.90	124	49.10	41	06	26	16	60	X	X	BOTT
ALBERNI INLET	47	49	8.50	124	48.20	41	06	26	17	100	X	X	BOTT
ALBERNI INLET	48	49	2.00	124	51.20	41	06	26	19	200	X	X	BOTT
ALBERNI INLET	49	48	57.50	125	0.40	41	06	26	21	150	X	X	BOTT
ALBERNI INLET	50	48	57.50	125	0.40	41	06	27	23	150	X	X	BOTT
ALBERNI INLET	51	48	57.50	125	0.40	41	06	28	13	150	X	X	BOTT
ALBERNI INLET	52	49	2.00	124	51.20	41	06	28	16	200	X	X	BOTT
ALBERNI INLET	53	49	8.50	124	48.20	41	06	28	18	100	X	X	BOTT
ALBERNI INLET	54	49	11.90	124	49.10	41	06	28	19	60	X	X	BOTT
ALBERNI INLET	55	49	13.70	124	49.50	41	06	28	20	10	X	X	BOTT
ALBERNI INLET	56	49	13.70	124	49.50	41	06	30	17	8	X	X	BOTT
ALBERNI INLET	57	49	11.90	124	49.10	41	06	30	18	60	X	X	BOTT
ALBERNI INLET	58	49	8.50	124	48.20	41	06	30	19	100	X	X	BOTT
ALBERNI INLET	59	49	2.00	124	51.20	41	06	30	22	200	X	X	BOTT
ALBERNI INLET	60	48	57.50	125	0.40	41	07	01	00	150	X	X	BOTT
ALBERNI INLET	61	48	57.50	125	0.40	41	07	01	15	150	X	X	BOTT
ALBERNI INLET	62	49	2.00	124	51.20	41	07	01	18	200	X	X	BOTT
ALBERNI INLET	63	49	8.50	124	48.20	41	07	01	20	100	X	X	BOTT
ALBERNI INLET	64	49	11.90	124	49.10	41	07	01	22	55	X	X	BOTT
ALBERNI INLET	65	49	13.70	124	49.50	41	07	01	23	10	X	X	BOTT
ALBERNI INLET	66	49	13.70	124	49.50	41	07	03	13	10	X	X	BOTT
ALBERNI INLET	67	49	11.90	124	49.10	41	07	03	14	60	X	X	BOTT
ALBERNI INLET	68	49	8.50	124	48.20	41	07	03	15	100	X	X	BOTT
ALBERNI INLET	69	49	2.00	124	51.20	41	07	03	16	200	X	X	BOTT
ALBERNI INLET	70	48	57.50	125	0.40	41	07	03	19	150	X	X	BOTT
ALBERNI INLET	71	48	57.50	125	0.40	41	07	04	15	150	X	X	BOTT
ALBERNI INLET	72	49	2.00	124	51.20	41	07	04	17	200	X	X	BOTT
ALBERNI INLET	73	49	8.50	124	48.20	41	07	04	20	100	X	X	BOTT
ALBERNI INLET	74	49	11.90	124	49.10	41	07	04	21	60	X	X	BOTT
ALBERNI INLET	75	49	13.70	124	49.50	41	07	04	22	9	X	X	BOTT
ALBERNI INLET	76	49	13.70	124	49.50	41	08	21	17	6	X	X	BOTT
ALBERNI INLET	77	49	11.90	124	49.10	41	08	21	18	60	X	X	BOTT
ALBERNI INLET	78	49	8.50	124	48.20	41	08	21	20	100	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 41-0005C
YEAR:1941 VESSEL/AGENCY: A.P. KNIGHT,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BARKLEY SOUND	1	48	55.30	125	3.00	41	06	26	23	150			X	X	BOTT		
BARKLEY SOUND	2	48	49.10	125	11.00	41	06	27	17	20			X	X	BOTT		
BARKLEY SOUND	3	48	51.00	125	8.90	41	06	27	18	100			X	X	BOTT		
BARKLEY SOUND	4	48	52.80	125	6.30	41	06	27	20	140			X	X	BOTT		
BARKLEY SOUND	5	48	55.20	125	2.20	41	06	27	22	150			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 44-0001
YEAR:1944 VESSEL/AGENCY: EHKOLI,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
CAPE FLATTERY	1	48	26.0	124	48.0	44	05	29	13	100			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 49-0008
YEAR:1949 VESSEL/AGENCY: SERRANO(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	211	51	57.50	136	59.00	49	03	10	00	1161	3566		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 49-0009
YEAR:1949 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BARKLEY SOUND	25	49	5.20	125	17.60	49	12	05	21	45	62		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0006
YEAR:1950 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		HR	
B. C. OFFSHORE	3	50	59.00	130	26.00	50	09	17	14	274			X	X	BOTT		
B. C. OFFSHORE	4	50	55.00	131	6.00	50	09	17	17	366			X	X	BOTT		
B. C. OFFSHORE	5	51	28.00	130	56.00	50	09	17	21	971			X	X	BOTT		
B. C. OFFSHORE	6	51	53.00	131	5.00	50	09	18	01	366			X	X	BOTT		
B. C. OFFSHORE	7	52	16.00	131	31.00	50	09	18	05	91			X	X	BOTT		
B. C. OFFSHORE	8	52	16.00	132	12.00	50	09	18	09	1097			X	X	BOTT		
B. C. OFFSHORE	9	52	12.00	132	52.00	50	09	18	12	1097			X	X	BOTT		
B. C. OFFSHORE	10	52	10.00	133	34.00	50	09	18	16	1097			X	X	BOTT		
B. C. OFFSHORE	11	52	5.00	134	56.00	50	09	19	00	1083			X	X	BOTT		
B. C. OFFSHORE	12	52	1.00	136	18.00	50	09	19	10	914			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0011
YEAR:1950 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		HR	
B. C. OFFSHORE	5	48	25.00	125	10.00	50	07	29	13	137	173		X	X	BOTT		
B. C. OFFSHORE	6	48	20.00	125	20.00	50	07	29	15	91	256		X	X	BOTT		
B. C. OFFSHORE	8	48	22.00	125	40.00	50	07	29	19	91	128		X	X	BOTT		
B. C. OFFSHORE	9	48	33.00	125	40.00	50	07	29	20	91	109		X	X	BOTT		
B. C. OFFSHORE	10	48	44.00	125	34.00	50	07	29	22	110	131		X	X	BOTT		
B. C. OFFSHORE	11	48	53.00	125	21.00	50	07	29	23	37	43		X	X	BOTT		
B. C. OFFSHORE	12	48	30.00	125	21.00	50	08	04	15	91	146		X	X	BOTT		
B. C. OFFSHORE	13	48	31.00	125	56.00	50	08	04	18	115	118		X	X	BOTT		
B. C. OFFSHORE	14	48	30.00	126	35.00	50	08	04	22	914	1463		X	X	BOTT		
B. C. OFFSHORE	15	48	30.00	127	12.00	50	08	05	03	274	2560		X	X	BOTT		
B. C. OFFSHORE	16	48	30.00	127	52.00	50	08	05	07	1097	2532		X	X	BOTT		
B. C. OFFSHORE	17	48	30.00	128	15.00	50	08	05	14	1097	2560		X	X	BOTT		
B. C. OFFSHORE	18	48	30.00	130	22.00	50	08	05	22	1097	2841		X	X	BOTT		
B. C. OFFSHORE	19	48	30.00	131	37.00	50	08	06	07	1097	3162		X	X	BOTT		
B. C. OFFSHORE	40	53	46.00	133	12.00	50	08	17	08	59	78		X	X	BOTT		
B. C. OFFSHORE	41	53	36.00	133	33.00	50	08	17	11	1097	1737		X	X	BOTT		
B. C. OFFSHORE	42	53	36.00	134	25.00	50	08	17	15	1097	2743		X	X	BOTT		
B. C. OFFSHORE	43	53	6.00	134	26.00	50	08	17	20	1097			X	X	BOTT		
B. C. OFFSHORE	44	52	35.00	134	29.00	50	08	18	00	1097	3227		X	X	BOTT		
B. C. OFFSHORE	45	52	35.00	133	44.00	50	08	18	04	1097			X	X	BOTT		
B. C. OFFSHORE	46	52	34.00	133	4.00	50	08	18	06	1097	2927		X	X	BOTT		
B. C. OFFSHORE	47	52	35.00	132	15.00	50	08	18	10	1097			X	X	BOTT		
B. C. OFFSHORE	48	51	58.00	131	16.00	50	08	18	21	274			X	X	BOTT		
B. C. OFFSHORE	49	51	59.00	131	57.00	50	08	19	01	914			X	X	BOTT		
B. C. OFFSHORE	50	51	56.00	132	50.00	50	08	19	04	1097	2926		X	X	BOTT		
B. C. OFFSHORE	51	51	56.00	133	16.00	50	08	19	09	1097			X	X	BOTT		
B. C. OFFSHORE	52	51	59.00	134	52.00	50	08	19	12	1097			X	X	BOTT		
B. C. OFFSHORE	53	52	2.00	135	47.00	50	08	19	20	1097			X	X	BOTT		
B. C. OFFSHORE	54	51	56.00	136	39.00	50	08	20	01	1097	3658		X	X	BOTT		
B. C. OFFSHORE	59	50	21.00	135	23.00	50	08	21	13	1097			X	X	BOTT		
B. C. OFFSHORE	60	50	26.00	133	40.00	50	08	21	22	1097			X	X	BOTT		
B. C. OFFSHORE	61	50	24.00	132	43.00	50	08	22	03	1097			X	X	BOTT		
B. C. OFFSHORE	62	50	12.00	129	42.00	50	08	22	17	1097	2377		X	X	BOTT		
B. C. OFFSHORE	63	50	14.00	129	0.00	50	08	22	21	1097			X	X	BOTT		
B. C. OFFSHORE	64	50	17.00	128	33.00	50	08	23	00	549			X	X	BOTT		
B. C. OFFSHORE	65	50	24.00	128	6.00	50	08	23	03	69	78		X	X	BOTT		
B. C. OFFSHORE	66	50	6.00	128	11.00	50	08	23	07	732	878		X	X	BOTT		
B. C. OFFSHORE	67	49	48.00	128	17.00	50	08	23	08	1097	2172		X	X	BOTT		
B. C. OFFSHORE	68	49	12.00	128	15.00	50	08	23	12	1097			X	X	BOTT		
B. C. OFFSHORE	69	49	0.00	128	14.00	50	08	23	16	1097			X	X	BOTT		
B. C. OFFSHORE	70	48	29.00	128	12.00	50	08	23	20	1097			X	X	BOTT		
B. C. OFFSHORE	71	47	39.00	128	5.00	50	08	24	02	1097			X	X	BOTT		
B. C. OFFSHORE	81	47	46.00	126	40.00	50	08	25	16	914	2195		X	X	BOTT		
B. C. OFFSHORE	82	48	15.00	126	37.00	50	08	25	19	914			X	X	BOTT		
B. C. OFFSHORE	83	48	37.00	126	39.00	50	08	25	22	914	1329		X	X	BOTT		
B. C. OFFSHORE	84	49	13.00	126	40.00	50	08	26	02	137	203		X	X	BOTT		

B. C. OFFSHORE	85	49	25.00	126	39.00	50	08	26	04	37	45		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0012
YEAR:1950 VESSEL/AGENCY: EHKOLI,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BARKLEY SOUND	1	48	53.90	125	24.60	50	04	04	14	36	45		X	X	BOTT		
BARKLEY SOUND	2	48	55.80	125	26.50	50	04	04	14	41	51		X	X	BOTT		
BARKLEY SOUND	3	48	57.20	125	23.10	50	04	04	15	41	45		X	X	BOTT		
BARKLEY SOUND	4	48	56.20	125	21.00	50	04	04	16	32	43		X	X	BOTT		
BARKLEY SOUND	5	48	57.70	125	19.80	50	04	04	16	27	40		X	X	BOTT		
BARKLEY SOUND	6	48	59.10	125	18.90	50	04	04	16	27	36		X	X	BOTT		
BARKLEY SOUND	7	48	58.70	125	20.80	50	04	04	17	27	36		X	X	BOTT		
BARKLEY SOUND	8	49	0.20	125	21.40	50	04	04	18	22	32		X	X	BOTT		
BARKLEY SOUND	9	48	59.70	125	19.60	50	04	04	19	18	32		X	X	BOTT		
BARKLEY SOUND	10	48	59.70	125	19.60	50	04	05	13	27	32		X	X	BOTT		
BARKLEY SOUND	11	48	59.70	125	19.60	50	04	05	16	27	32		X	X	BOTT		
BARKLEY SOUND	12	48	59.70	125	19.60	50	04	05	20	27	32		X	X	BOTT		
BARKLEY SOUND	13	48	59.70	125	19.60	50	04	05	22	27	32		X	X	BOTT		
BARKLEY SOUND	14	48	59.70	125	19.60	50	04	06	03	27	32		X	X	BOTT		
BARKLEY SOUND	15	48	59.70	125	19.60	50	04	06	08	27	32		X	X	BOTT		
BARKLEY SOUND	16	48	59.70	125	19.60	50	04	06	11	27	32		X	X	BOTT		
BARKLEY SOUND	17	49	0.20	125	20.50	50	04	06	17	27	32		X	X	BOTT		
BARKLEY SOUND	18	49	0.20	125	20.50	50	04	06	21	22	32		X	X	BOTT		
BARKLEY SOUND	19	49	0.20	125	20.50	50	04	07	00	22	32		X	X	BOTT		
BARKLEY SOUND	20	49	0.20	125	20.50	50	04	07	02	22	32		X	X	BOTT		
BARKLEY SOUND	21	49	0.20	125	20.50	50	04	07	04	22	32		X	X	BOTT		
BARKLEY SOUND	22	49	0.20	125	20.50	50	04	07	07	22	32		X	X	BOTT		
BARKLEY SOUND	23	49	0.20	125	20.50	50	04	07	11	27	32		X	X	BOTT		
BARKLEY SOUND	24	48	55.80	125	26.40	50	04	07	20	45	51		X	X	BOTT		
BARKLEY SOUND	25	48	55.80	125	26.40	50	04	07	23	45	51		X	X	BOTT		
BARKLEY SOUND	26	48	55.80	125	26.40	50	04	08	02	45	51		X	X	BOTT		
BARKLEY SOUND	27	48	55.80	125	26.40	50	04	08	05	45	51		X	X	BOTT		
BARKLEY SOUND	28	48	55.80	125	26.40	50	04	08	12	32	51		X	X	BOTT		
BARKLEY SOUND	29	48	55.80	125	27.50	50	04	08	20	5	8		X	X	BOTT		
BARKLEY SOUND	30	48	55.60	125	26.70	50	04	08	20	36	51		X	X	BOTT		
BARKLEY SOUND	31	48	55.10	125	26.10	50	04	08	20	11	15		X	X	BOTT		
BARKLEY SOUND	32	48	54.50	125	25.20	50	04	08	20	22	34		X	X	BOTT		
BARKLEY SOUND	33	48	54.50	125	24.00	50	04	08	21	45	53		X	X	BOTT		
BARKLEY SOUND	34	48	59.20	125	18.70	50	04	09	00	32	40		X	X	BOTT		
BARKLEY SOUND	35	48	59.20	125	18.70	50	04	09	02	32	40		X	X	BOTT		
BARKLEY SOUND	36	48	59.20	125	18.70	50	04	09	08	32	40		X	X	BOTT		
BARKLEY SOUND	37	48	59.20	125	18.70	50	04	09	11	32	40		X	X	BOTT		
BARKLEY SOUND	38	48	59.20	125	18.70	50	04	09	13	32	40		X	X	BOTT		
BARKLEY SOUND	39	48	59.20	125	18.70	50	04	09	16	32	40		X	X	BOTT		
BARKLEY SOUND	40	48	59.20	125	18.70	50	04	10	00	32	40		X	X	BOTT		
BARKLEY SOUND	41	48	56.10	125	21.10	50	04	10	02	36	43		X	X	BOTT		
BARKLEY SOUND	42	48	56.10	125	21.10	50	04	10	07	36	43		X	X	BOTT		
BARKLEY SOUND	43	48	56.10	125	21.10	50	04	10	10	36	43		X	X	BOTT		
BARKLEY SOUND	44	48	56.10	125	21.10	50	04	10	12	36	43		X	X	BOTT		
BARKLEY SOUND	45	48	56.10	125	21.10	50	04	10	19	36	43		X	X	BOTT		
BARKLEY SOUND	46	49	0.20	125	21.30	50	04	11	00	22	30		X	X	BOTT		
BARKLEY SOUND	47	48	56.80	125	15.30	50	04	12	19	45	54		X	X	BOTT		
BARKLEY SOUND	48	48	56.80	125	15.30	50	04	12	22	45	54		X	X	BOTT		
BARKLEY SOUND	49	48	56.80	125	15.30	50	04	13	01	45	54		X	X	BOTT		
BARKLEY SOUND	50	48	56.80	125	15.30	50	04	13	08	45	54		X	X	BOTT		
BARKLEY SOUND	51	48	56.80	125	15.30	50	04	13	12	45	54		X	X	BOTT		
BARKLEY SOUND	52	48	56.80	125	15.30	50	04	13	15	45	54		X	X	BOTT		
BARKLEY SOUND	53	48	56.80	125	15.30	50	04	13	18	45	54		X	X	BOTT		
BARKLEY SOUND	54	48	56.80	125	15.30	50	04	13	20	45	54		X	X	BOTT		
BARKLEY SOUND	55	48	58.80	125	56.20	50	04	17	20	91	159		X	X	BOTT		
BARKLEY SOUND	56	48	56.70	125	2.60	50	04	17	21	114	182		X	X	BOTT		
BARKLEY SOUND	57	48	58.20	125	7.00	50	04	17	23	64	95		X	X	BOTT		
BARKLEY SOUND	58	48	56.20	125	7.00	50	04	18	00	64	65		X	X	BOTT		
BARKLEY SOUND	59	48	56.40	125	9.10	50	04	18	00	64	87		X	X	BOTT		
BARKLEY SOUND	60	48	56.80	125	10.90	50	04	18	01	64	100		X	X	BOTT		
BARKLEY SOUND	61	48	54.70	125	13.00	50	04	18	01	64	100		X	X	BOTT		
BARKLEY SOUND	62	48	55.60	125	11.70	50	04	18	02				X	X	BOTT		
BARKLEY SOUND	63	48	55.90	125	12.70	50	04	18	02				X	X	BOTT		
BARKLEY SOUND	64	48	56.20	125	13.60	50	04	18	02				X	X	BOTT		
BARKLEY SOUND	65	48	56.40	125	14.50	50	04	18	02				X	X	BOTT		
BARKLEY SOUND	66	48	56.70	125	15.50	50	04	18	02				X	X	BOTT		
BARKLEY SOUND	67	48	57.50	125	20.00	50	04	18	05	36	43		X	X	BOTT		

BARKLEY SOUND	68	48	57.50	125	20.00	50	04	18	13	36	43		X	X	BOTT
BARKLEY SOUND	69	48	57.50	125	20.00	50	04	18	19	36	43		X	X	BOTT
BARKLEY SOUND	70	48	57.50	125	20.00	50	04	18	22	36	43		X	X	BOTT
BARKLEY SOUND	71	48	57.50	125	20.00	50	04	19	00	36	43		X	X	BOTT
BARKLEY SOUND	72	48	57.50	125	20.00	50	04	19	06	36	43		X	X	BOTT
BARKLEY SOUND	73	48	55.40	125	22.00	50	04	19	09	36	43		X	X	BOTT
BARKLEY SOUND	74	48	55.40	125	22.00	50	04	19	12	36	43		X	X	BOTT
BARKLEY SOUND	75	48	55.40	125	22.00	50	04	19	16	36	43		X	X	BOTT
BARKLEY SOUND	76	48	55.40	125	22.00	50	04	19	19	36	43		X	X	BOTT
BARKLEY SOUND	77	48	55.40	125	22.00	50	04	20	01	36	43		X	X	BOTT
BARKLEY SOUND	78	48	55.40	125	22.00	50	04	20	03	36	43		X	X	BOTT
BARKLEY SOUND	79	48	55.40	125	22.00	50	04	20	08	36	43		X	X	BOTT
BARKLEY SOUND	80	48	56.30	125	23.90	50	04	20	10	36	51		X	X	BOTT
BARKLEY SOUND	81	48	56.30	125	23.90	50	04	20	13	36	51		X	X	BOTT
BARKLEY SOUND	82	48	56.00	125	26.80	50	04	20	20	36	51		X	X	BOTT
BARKLEY SOUND	83	48	56.00	125	26.80	50	04	21	00	36	51		X	X	BOTT
BARKLEY SOUND	84	48	56.00	125	26.80	50	04	21	02	36	51		X	X	BOTT
BARKLEY SOUND	85	48	56.00	125	26.80	50	04	21	06	36	51		X	X	BOTT
BARKLEY SOUND	86	48	56.00	125	26.80	50	04	21	10	36	51		X	X	BOTT
BARKLEY SOUND	87	48	56.00	125	26.80	50	04	21	13	36	51		X	X	BOTT
BARKLEY SOUND	88	48	56.00	125	26.80	50	04	21	17	27	51		X	X	BOTT
BARKLEY SOUND	89	48	56.00	125	26.80	50	04	21	19	32	51		X	X	BOTT
BARKLEY SOUND	90	49	0.20	125	21.40	50	04	21	22	27	32		X	X	BOTT
BARKLEY SOUND	91	49	0.20	125	21.40	50	04	22	01	27	32		X	X	BOTT
BARKLEY SOUND	92	49	0.20	125	21.40	50	04	22	04	27	32		X	X	BOTT
BARKLEY SOUND	93	49	0.20	125	21.40	50	04	22	07	27	32		X	X	BOTT
BARKLEY SOUND	94	49	0.20	125	21.40	50	04	22	10	27	32		X	X	BOTT
BARKLEY SOUND	95	49	0.20	125	21.40	50	04	22	13	27	32		X	X	BOTT
BARKLEY SOUND	96	49	0.20	125	21.40	50	04	22	16	27	32		X	X	BOTT
BARKLEY SOUND	97	49	0.20	125	21.40	50	04	22	19	27	32		X	X	BOTT
BARKLEY SOUND	98	49	0.20	125	21.40	50	04	22	22	27	32		X	X	BOTT
BARKLEY SOUND	99	48	56.50	125	23.50	50	04	23	06	37	51		X	X	BOTT
BARKLEY SOUND	100	48	56.50	125	23.50	50	04	23	10	36	51		X	X	BOTT
BARKLEY SOUND	101	48	56.50	125	23.50	50	04	23	12	36	51		X	X	BOTT
BARKLEY SOUND	102	48	56.50	125	23.50	50	04	23	15	36	51		X	X	BOTT
BARKLEY SOUND	103	48	56.50	125	23.50	50	04	23	19	36	51		X	X	BOTT
BARKLEY SOUND	104	48	56.50	125	23.50	50	04	23	22	36	51		X	X	BOTT
BARKLEY SOUND	105	48	56.50	125	23.50	50	04	24	01	36	51		X	X	BOTT
BARKLEY SOUND	106	48	56.50	125	23.50	50	04	24	05	36	51		X	X	BOTT
BARKLEY SOUND	107	48	55.90	125	22.00	50	04	24	07	36	49		X	X	BOTT
BARKLEY SOUND	108	48	55.90	125	22.00	50	04	24	11	36	49		X	X	BOTT
BARKLEY SOUND	109	48	55.90	125	22.00	50	04	24	14	36	49		X	X	BOTT
BARKLEY SOUND	110	48	55.90	125	22.00	50	04	24	20	36	49		X	X	BOTT
BARKLEY SOUND	111	48	55.90	125	22.00	50	04	24	23	36	49		X	X	BOTT
BARKLEY SOUND	112	48	55.90	125	22.00	50	04	25	07	36	49		X	X	BOTT
BARKLEY SOUND	113	48	54.40	125	23.40	50	04	25	17	45	54		X	X	BOTT
BARKLEY SOUND	114	48	54.80	125	25.40	50	04	25	17	13	18		X	X	BOTT
BARKLEY SOUND	115	48	55.70	125	26.20	50	04	25	18	27	54		X	X	BOTT
BARKLEY SOUND	116	48	55.80	125	27.10	50	04	25	18	45	56		X	X	BOTT
BARKLEY SOUND	117	48	57.70	125	24.00	50	04	25	19	18	43		X	X	BOTT
BARKLEY SOUND	118	48	57.00	125	22.60	50	04	25	19	41	49		X	X	BOTT
BARKLEY SOUND	119	48	56.20	125	20.60	50	04	25	20	36	45		X	X	BOTT
BARKLEY SOUND	120	48	55.80	125	19.20	50	04	25	20	36	43		X	X	BOTT
BARKLEY SOUND	121	48	56.60	125	17.40	50	04	25	20	36	49		X	X	BOTT
BARKLEY SOUND	122	48	56.70	125	15.30	50	04	25	21	36	43		X	X	BOTT
BARKLEY SOUND	123	48	57.50	125	18.50	50	04	25	21	36	43		X	X	BOTT
BARKLEY SOUND	124	48	58.70	125	19.80	50	04	25	22	36	43		X	X	BOTT
BARKLEY SOUND	125	49	0.20	125	21.40	50	04	25	22	27	35		X	X	BOTT
BARKLEY SOUND	126	48	59.60	125	19.30	50	04	25	23	27	31		X	X	BOTT
BARKLEY SOUND	127	48	59.60	125	19.30	50	04	26	06	22	31		X	X	BOTT
BARKLEY SOUND	128	48	59.60	125	19.30	50	04	26	11	22	31		X	X	BOTT
BARKLEY SOUND	129	48	59.60	125	19.30	50	04	26	17	22	31		X	X	BOTT
BARKLEY SOUND	130	48	59.60	125	19.30	50	04	26	23	22	31		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 50-0013
YEAR:1950 VESSEL/AGENCY: ?,POC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
BARKLEY SOUND	11	48	57.90	125	7.20	50	08	01	19	137	153		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0014
YEAR:1950 VESSEL/AGENCY: W.J.STEWART,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T			
B. C. OFFSHORE	3	48	10.00	125	51.00	50	10	02	11	37			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0015
YEAR:1950 VESSEL/AGENCY: ?,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T			
ALBERNI INLET?	33	49	17.70	124?	45.30	50	06	24	01	228	283		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 51-0012
YEAR:1951 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T			
B. C. OFFSHORE	5	48	26.00	125	49.00	51	05	05	11	100	137		X	X	BOTT		
B. C. OFFSHORE	6	48	27.00	126	52.00	51	05	05	17	1000	2560		X	X	BOTT		
B. C. OFFSHORE	7	48	27.00	129	9.00	51	05	06	05	900			X	X	BOTT		
B. C. OFFSHORE	8	48	27.00	130	10.00	51	05	06	11	900			X	X	BOTT		
B. C. OFFSHORE	9	48	27.00	131	13.00	51	05	06	18	900			X	X	BOTT		
B. C. OFFSHORE	10	48	27.00	132	25.00	51	05	07	01	700			X	X	BOTT		
B. C. OFFSHORE	26	50	32.00	134	16.00	51	05	11	06	900			X	X	BOTT		
B. C. OFFSHORE	27	50	32.00	133	11.00	51	05	11	12	900			X	X	BOTT		
B. C. OFFSHORE	28	50	32.00	132	4.00	51	05	11	18	900			X	X	BOTT		
B. C. OFFSHORE	29	50	33.00	130	59.00	51	05	12	00	900			X	X	BOTT		
B. C. OFFSHORE	30	50	35.00	129	52.00	51	05	12	05	900			X	X	BOTT		
B. C. OFFSHORE	31	50	25.00	128	19.60	51	05	12	22	150	173		X	X	BOTT		
B. C. OFFSHORE	32	50	42.50	129	14.70	51	05	13	04	500			X	X	BOTT		
B. C. OFFSHORE	33	51	11.50	130	1.70	51	05	13	10	500	640		X	X	BOTT		
B. C. OFFSHORE	34	51	38.50	130	46.50	51	05	13	16	500			X	X	BOTT		
B. C. OFFSHORE	35	52	16.00	131	32.00	51	05	13	22	300	548		X	X	BOTT		
B. C. OFFSHORE	36	52	18.00	132	55.00	51	05	14	06	900			X	X	BOTT		
B. C. OFFSHORE	37	52	23.00	134	25.00	51	05	14	18	900			X	X	BOTT		
B. C. OFFSHORE	38	52	20.00	135	30.00	51	05	15	00	900			X	X	BOTT		
B. C. OFFSHORE	39	52	19.00	136	37.00	51	05	15	06	900			X	X	BOTT		
B. C. OFFSHORE	52	54	15.00	134	24.00	51	05	19	12	900			X	X	BOTT		
B. C. OFFSHORE	53	54	16.30	133	16.70	51	05	19	16	400	437		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 51-0016
YEAR:1951 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T			
B. C. OFFSHORE	2	48	22.00	125	10.00	51	07	18	12	150	164		X	X	BOTT		
B. C. OFFSHORE	3	48	16.00	125	38.00	51	07	18	15	150	177		X	X	BOTT		

B. C. OFFSHORE	4	48	9.00	126	4.00	51	07	18	17	800	914		X	X	BOTT	
B. C. OFFSHORE	5	48	29.00	126	4.00	51	07	18	20	125	151		X	X	BOTT	
B. C. OFFSHORE	6	48	45.00	126	4.00	51	07	18	22	75	96		X	X	BOTT	
B. C. OFFSHORE	7	48	41.00	125	34.00	51	07	19	01	150	164		X	X	BOTT	
B. C. OFFSHORE	8	48	36.00	125	7.00	51	07	19	04	75	91		X	X	BOTT	
B. C. OFFSHORE	9	48	35.00	124	56.00	51	07	19	05	50	54		X	X	BOTT	
B. C. OFFSHORE	10	48	26.00	124	56.00	51	07	19	07	200	228		X	X	BOTT	
B. C. OFFSHORE	16	47	47.00	126	28.00	51	07	19	23	400	493		X	X	BOTT	
B. C. OFFSHORE	17	47	47.00	126	55.00	51	07	20	02	1200			X	X	BOTT	
B. C. OFFSHORE	18	47	47.00	126	55.00	51	07	20	04	1200			X	X	BOTT	
B. C. OFFSHORE	19	47	46.00	126	40.00	51	07	20	12	1200			X	X	BOTT	
B. C. OFFSHORE	20	47	46.00	126	40.00	51	07	20	14	1200			X	X	BOTT	
B. C. OFFSHORE	21	47	46.00	126	40.00	51	07	20	16	1200			X	X	BOTT	
B. C. OFFSHORE	22	47	46.00	126	40.00	51	07	20	18	1000			X	X	BOTT	
B. C. OFFSHORE	23	47	46.00	126	40.00	51	07	20	20	1200			X	X	BOTT	
B. C. OFFSHORE	24	47	46.00	126	40.00	51	07	20	22	1200			X	X	BOTT	
B. C. OFFSHORE	25	47	46.00	126	40.00	51	07	21	00	1200			X	X	BOTT	
B. C. OFFSHORE	26	47	46.00	126	40.00	51	07	21	02	1200			X	X	BOTT	
B. C. OFFSHORE	27	47	46.00	126	40.00	51	07	21	04	1200			X	X	BOTT	
B. C. OFFSHORE	28	47	46.00	126	40.00	51	07	21	06	1200			X	X	BOTT	
B. C. OFFSHORE	29	47	46.00	126	40.00	51	07	21	08	1200			X	X	BOTT	
B. C. OFFSHORE	30	47	46.00	126	40.00	51	07	21	10	1200			X	X	BOTT	
B. C. OFFSHORE	31	47	46.00	126	40.00	51	07	21	12	1200			X	X	BOTT	
B. C. OFFSHORE	32	47	46.00	126	40.00	51	07	21	14	1200			X	X	BOTT	
B. C. OFFSHORE	33	48	6.00	126	55.00	51	07	21	18	400			X	X	BOTT	
B. C. OFFSHORE	34	48	28.00	126	55.00	51	07	21	21	400			X	X	BOTT	
B. C. OFFSHORE	35	48	46.00	126	55.00	51	07	22	00	400			X	X	BOTT	
B. C. OFFSHORE	36	49	6.00	126	55.00	51	07	22	03	350	365		X	X	BOTT	
B. C. OFFSHORE	37	49	23.00	127	0.00	51	07	22	06	75	109		X	X	BOTT	
B. C. OFFSHORE	38	49	47.00	128	9.00	51	07	22	18	400			X	X	BOTT	
B. C. OFFSHORE	39	50	10.00	128	10.00	51	07	22	21	400			X	X	BOTT	
B. C. OFFSHORE	40	50	26.00	128	4.00	51	07	23	03	40	54		X	X	BOTT	
B. C. OFFSHORE	41	50	27.40	128	13.50	51	07	23	04	75	102		X	X	BOTT	
B. C. OFFSHORE	42	50	27.40	128	38.00	51	07	23	06	200	274		X	X	BOTT	
B. C. OFFSHORE	43	50	28.00	129	2.00	51	07	23	09	400			X	X	BOTT	
B. C. OFFSHORE	44	50	28.00	129	30.00	51	07	23	12	1200			X	X	BOTT	
B. C. OFFSHORE	45	50	47.00	129	30.00	51	07	23	16	400			X	X	BOTT	
B. C. OFFSHORE	46	51	6.00	129	30.00	51	07	23	19	200	246		X	X	BOTT	
B. C. OFFSHORE	55	51	53.30	131	2.20	51	07	25	00	150	192		X	X	BOTT	
B. C. OFFSHORE	56	52	0.00	131	35.00	51	07	25	03	400			X	X	BOTT	
B. C. OFFSHORE	57	52	18.00	131	35.00	51	07	25	08	150	320		X	X	BOTT	
B. C. OFFSHORE	58	52	18.00	132	8.00	51	07	25	11	400	1920		X	X	BOTT	
B. C. OFFSHORE	59	52	18.00	132	41.00	51	07	25	14	1200			X	X	BOTT	
B. C. OFFSHORE	60	52	18.00	133	13.00	51	07	25	18	400			X	X	BOTT	
B. C. OFFSHORE	61	52	38.00	133	24.00	51	07	25	21	400			X	X	BOTT	
B. C. OFFSHORE	62	52	58.00	133	35.00	51	07	26	00	400			X	X	BOTT	
B. C. OFFSHORE	63	53	0.00	133	9.00	51	07	26	04	400	2926		X	X	BOTT	
B. C. OFFSHORE	64	53	11.00	132	44.00	51	07	26	07	400	457		X	X	BOTT	
B. C. OFFSHORE	65	53	37.00	133	8.00	51	07	26	12	200	237		X	X	BOTT	
B. C. OFFSHORE	66	53	37.00	133	38.00	51	07	26	14	400			X	X	BOTT	
B. C. OFFSHORE	67	53	37.00	134	7.00	51	07	26	17	400			X	X	BOTT	
B. C. OFFSHORE	68	53	56.00	134	7.00	51	07	26	20	400			X	X	BOTT	
B. C. OFFSHORE	69	54	13.00	134	7.00	51	07	26	23	1200			X	X	BOTT	
B. C. OFFSHORE	70	54	13.00	133	38.00	51	07	27	00	200	256		X	X	BOTT	
B. C. OFFSHORE	71	54	16.20	133	9.00	51	07	27	03	200	228		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 51-0017
YEAR:1951 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	1	54	18.00	133	6.00	51	08	01	16	125	420		X	X	BOTT	
B. C. OFFSHORE	2	54	15.00	134	2.00	51	08	01	22	300			X	X	BOTT	
B. C. OFFSHORE	14	52	14.00	136	25.00	51	08	05	04	1200			X	X	BOTT	
B. C. OFFSHORE	15	52	14.00	135	20.00	51	08	05	10	1000			X	X	BOTT	
B. C. OFFSHORE	16	52	17.00	134	17.00	51	08	05	16	1200			X	X	BOTT	
B. C. OFFSHORE	17	52	18.00	133	6.00	51	08	05	22	1200			X	X	BOTT	
B. C. OFFSHORE	18	52	19.00	131	52.00	51	08	06	04	1200			X	X	BOTT	
B. C. OFFSHORE	19	52	16.50	131	32.00	51	08	06	07	350			X	X	BOTT	
B. C. OFFSHORE	20	51	58.50	131	10.00	51	08	06	10	200			X	X	BOTT	
B. C. OFFSHORE	21	51	28.00	130	18.00	51	08	06	16	400			X	X	BOTT	
B. C. OFFSHORE	22	50	55.00	129	24.00	51	08	06	22	150	164		X	X	BOTT	
B. C. OFFSHORE	23	50	29.00	128	17.50	51	08	07	04	75	91		X	X	BOTT	
B. C. OFFSHORE	24	50	27.00	128	22.50	51	08	07	16	125	162		X	X	BOTT	

B. C. OFFSHORE	25	50	28.00	129	34.00	51	08	07	22	1200			X	X	BOTT		
B. C. OFFSHORE	26	50	28.00	130	37.00	51	08	08	04	1200			X	X	BOTT		
B. C. OFFSHORE	27	50	24.00	131	34.00	51	08	08	10	1200			X	X	BOTT		
B. C. OFFSHORE	28	50	20.00	132	52.00	51	08	08	16	1200			X	X	BOTT		
B. C. OFFSHORE	29	50	19.00	133	55.00	51	08	08	22	1200			X	X	BOTT		
B. C. OFFSHORE	45	48	36.00	131	47.00	51	08	13	04	900			X	X	BOTT		
B. C. OFFSHORE	46	48	38.00	130	40.00	51	08	13	10	900			X	X	BOTT		
B. C. OFFSHORE	47	48	41.00	129	34.00	51	08	13	16	700			X	X	BOTT		
B. C. OFFSHORE	48	48	44.00	128	22.00	51	08	13	22	900			X	X	BOTT		
B. C. OFFSHORE	49	48	38.00	127	10.00	51	08	14	04	900			X	X	BOTT		
B. C. OFFSHORE	50	48	36.00	125	57.00	51	08	14	10	100	96		X	X	BOTT		
B. C. OFFSHORE	51	48	32.50	124	57.50	51	08	14	16	50	64		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 51-0018
YEAR:1951 VESSEL/AGENCY: ?,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	53	48	26.50	127	47.80	51	10	12	03	20	38		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0014
YEAR:1952 VESSEL/AGENCY: SAULTE ST MARIE,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	54	18.00	133	17.00	52	03	06	12	300	451		X	X	BOTT		
B. C. OFFSHORE	5	52	52.00	135	56.00	52	03	08	01	1000			X	X	BOTT		
B. C. OFFSHORE	6	52	34.00	135	0.00	52	03	08	06	1000			X	X	BOTT		
B. C. OFFSHORE	7	52	9.00	133	51.00	52	03	08	12	1000			X	X	BOTT		
B. C. OFFSHORE	8	51	42.00	132	29.00	52	03	08	18	1000			X	X	BOTT		
B. C. OFFSHORE	9	51	16.00	131	14.00	52	03	09	00	1000			X	X	BOTT		
B. C. OFFSHORE	10	50	51.00	129	48.00	52	03	09	06	1000			X	X	BOTT		
B. C. OFFSHORE	11	50	24.00	128	28.00	52	03	09	11	180			X	X	BOTT		
B. C. OFFSHORE	12	50	25.00	128	31.00	52	03	12	18	500	549		X	X	BOTT		
B. C. OFFSHORE	13	50	25.00	130	33.00	52	03	13	00	1000			X	X	BOTT		
B. C. OFFSHORE	14	50	25.00	131	2.00	52	03	13	06	1000			X	X	BOTT		
B. C. OFFSHORE	15	50	26.00	132	38.00	52	03	13	18	1000			X	X	BOTT		
B. C. OFFSHORE	16	50	18.00	133	45.00	52	03	14	00	1000			X	X	BOTT		
B. C. OFFSHORE	17	49	57.00	134	51.00	52	03	14	06	1000			X	X	BOTT		
B. C. OFFSHORE	23	48	31.00	132	24.00	52	03	15	18	1000			X	X	BOTT		
B. C. OFFSHORE	24	48	30.00	131	4.00	52	03	16	00	1000			X	X	BOTT		
B. C. OFFSHORE	25	48	30.00	129	52.00	52	03	16	06	1000			X	X	BOTT		
B. C. OFFSHORE	26	48	30.00	128	45.00	52	03	16	12	1000			X	X	BOTT		
B. C. OFFSHORE	27	48	33.00	127	27.00	52	03	16	18	1000			X	X	BOTT		
B. C. OFFSHORE	28	48	32.00	127	29.00	52	03	17	00	1000			X	X	BOTT		
B. C. OFFSHORE	29	48	34.00	127	25.00	52	03	17	06	1000			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0015A
YEAR:1952 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	26.00	124	52.00	52	03	14	20	159	284		X	X	BOTT		
B. C. OFFSHORE	2	47	53.00	126	17.00	52	03	15	05	1777	1829		X	X	BOTT		
B. C. OFFSHORE	3	48	17.00	125	20.00	52	03	15	13	125	143		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0015B
YEAR:1952 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	27.00	124	50.00	52	04	29	09	209	287		X	X	BOTT		
B. C. OFFSHORE	2	48	52.00	126	0.00	52	04	29	16	60			X	X	BOTT		
B. C. OFFSHORE	11	48	32.00	126	8.00	52	05	02	08	180	192		X	X	BOTT		
B. C. OFFSHORE	3	48	17.00	126	34.00	52	05	02	13	1705	2149		X	X	BOTT		
B. C. OFFSHORE	4	47	50.00	127	29.00	52	05	02	20	1993	2650		X	X	BOTT		
B. C. OFFSHORE	13	48	32.00	126	8.00	52	05	05	06	290	324		X	X	BOTT		
B. C. OFFSHORE	14	49	2.00	127	25.00	52	05	05	17	1948	2012		X	X	BOTT		
B. C. OFFSHORE	15	49	10.00	128	48.00	52	05	06	03	49	2468		X	X	BOTT		
B. C. OFFSHORE	16	49	58.00	128	41.00	52	05	06	20	1590	1939		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0015C
YEAR:1952 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	7	48	29.00	125	42.00	52	07	04	15	90	95		X	X	BOTT		
B. C. OFFSHORE	17	48	32.00	127	37.00	52	07	05	03	1923	2551		X	X	BOTT		
B. C. OFFSHORE	8	48	30.00	129	45.00	52	07	05	15	1977	2377		X	X	BOTT		
B. C. OFFSHORE	30	50	27.00	135	46.00	52	07	10	18	1841	3566		X	X	BOTT		
B. C. OFFSHORE	31	50	30.00	133	15.00	52	07	12	01	1771	3146		X	X	BOTT		
B. C. OFFSHORE	32	50	30.00	131	45.00	52	07	12	14	1975	2926		X	X	BOTT		
B. C. OFFSHORE	33	50	30.00	130	15.00	52	07	12	23	1788	1920		X	X	BOTT		
B. C. OFFSHORE	34	50	30.00	129	11.00	52	07	13	07	705	1920		X	X	BOTT		
B. C. OFFSHORE	35	50	28.00	128	39.00	52	07	13	13	1400	1573		X	X	BOTT		
B. C. OFFSHORE	36	50	29.00	128	28.00	52	07	13	16	180	207		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0015D
YEAR:1952 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	8	48	33.00	128	14.00	52	08	19	08	1998	2359		X	X	BOTT		
B. C. OFFSHORE	5	48	31.00	125	23.00	52	08	19	13	130	137		X	X	BOTT		
B. C. OFFSHORE	6	48	32.00	125	58.00	52	08	19	17	120	132		X	X	BOTT		
B. C. OFFSHORE	7	48	33.00	126	47.00	52	08	19	22	1992	2048		X	X	BOTT		
B. C. OFFSHORE	9	48	27.00	128	58.00	52	08	20	14	2000	2468		X	X	BOTT		
B. C. OFFSHORE	10	48	33.00	130	4.00	52	08	20	20	1518	2780		X	X	BOTT		
B. C. OFFSHORE	11	48	34.00	130	48.00	52	08	21	03	1971	2743		X	X	BOTT		
B. C. OFFSHORE	12	48	35.00	131	34.00	52	08	21	09	1932	3072		X	X	BOTT		
B. C. OFFSHORE	13	48	35.00	132	24.00	52	08	21	15	1985	3109		X	X	BOTT		
B. C. OFFSHORE	16	46	52.00	128	27.00	52	08	25	23	1985	2670		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0017
YEAR:1952 VESSEL/AGENCY: ?,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	22.70	124	58.80	52	10	15	20	60	95		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0018
YEAR:1952 VESSEL/AGENCY: ?,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	35	48	18.50	124	59.60	52	07	06	11	150	190		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0015B
YEAR:1953 VESSEL/AGENCY: CANCOLIM II,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	4	50	47.10	129	11.80	53	07	16	18	50	54		X	X	BOTT		
B. C. OFFSHORE	5	50	39.00	130	28.50	53	07	17	18	73	82		X	X	BOTT		
B. C. OFFSHORE	9	52	2.30	131	40.50	53	07	19	00	28	31		X	X	BOTT		
B. C. OFFSHORE	28	54	12.80	133	6.40	53	07	23	20	55	54		X	X	BOTT		
B. C. OFFSHORE	29	54	15.80	133	7.80	53	07	23	22	110	124		X	X	BOTT		
B. C. OFFSHORE	44	54	13.00	133	1.00	53	07	28	09	25	27		X	X	BOTT		
B. C. OFFSHORE	45	54	11.90	133	2.30	53	07	29	19	55	54		X	X	BOTT		
B. C. OFFSHORE	46	54	12.50	133	55.20	53	07	29	23	64	64		X	X	BOTT		
B. C. OFFSHORE	56	53	45.50	133	0.70	53	08	05	18	23	25		X	X	BOTT		
B. C. OFFSHORE	58	53	18.50	132	51.70	53	08	06	01	220	219		X	X	BOTT		
B. C. OFFSHORE	66	53	10.10	132	39.10	53	08	06	22	165	164		X	X	BOTT		
B. C. OFFSHORE	70	52	51.20	132	12.20	53	08	07	16	49	49		X	X	BOTT		
B. C. OFFSHORE	71	52	45.50	132	5.00	53	08	07	19	350	352		X	X	BOTT		
B. C. OFFSHORE	72	52	45.20	132	0.40	53	08	07	22	175			X	X	BOTT		
B. C. OFFSHORE	73	52	43.40	131	59.40	53	08	07	23	55			X	X	BOTT		
B. C. OFFSHORE	77	52	42.40	132	9.30	53	08	08	09	365			X	X	BOTT		
B. C. OFFSHORE	79	52	25.10	131	33.80	53	08	08	16	20			X	X	BOTT		
B. C. OFFSHORE	80	52	12.90	131	21.30	53	08	08	19	50	73		X	X	BOTT		
B. C. OFFSHORE	81	52	8.70	131	13.40	53	08	08	22	73			X	X	BOTT		
B. C. OFFSHORE	86	51	50.80	130	51.00	53	08	09	21	205	226		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0019A
YEAR:1953 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	27.00	124	49.00	53	08	01	00	288	315		X	X	BOTT		
B. C. OFFSHORE	2	48	17.00	125	1.00	53	08	01	18	193	300		X	X	BOTT		
B. C. OFFSHORE	3	48	8.00	125	15.00	53	08	01	21	197	283		X	X	BOTT		
B. C. OFFSHORE	6	47	30.00	127	38.00	53	08	03	02	1928	2578		X	X	BOTT		

B. C. OFFSHORE	7	47 16.00	129 11.00	53 08 03 14	1836	2523		X	X	BOTT	
B. C. OFFSHORE	11	47 40.00	131 5.00	53 08 12 07	1892	2816		X	X	BOTT	
B. C. OFFSHORE	12	48 18.00	129 41.00	53 08 12 23	1706	2523		X	X	BOTT	
B. C. OFFSHORE	13	48 20.00	128 5.00	53 08 13 11	1910	2560		X	X	BOTT	
B. C. OFFSHORE	14	48 20.00	126 35.00	53 08 13 22	1926	2305		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 53-0019B
YEAR:1953 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
B. C. OFFSHORE	1	48 29.00	124 45.00	53 09 03 09	247	269		X	X	BOTT	
B. C. OFFSHORE	2	48 16.00	124 59.00	53 09 03 12	200	208		X	X	BOTT	
B. C. OFFSHORE	59	47 36.00	126 41.00	53 09 12 18	233	2286		X	X	BOTT	
B. C. OFFSHORE	60	48 11.00	125 51.00	53 09 13 01	242	549		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 53-0020A
YEAR:1953 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
B. C. OFFSHORE	1	48 25.00	124 55.00	53 04 30 18	230	245		X	X	BOTT	
B. C. OFFSHORE	2	48 14.00	125 13.00	53 04 30 22	173	192		X	X	BOTT	
B. C. OFFSHORE	6	47 11.00	127 39.00	53 05 02 02	1682	2542		X	X	BOTT	
B. C. OFFSHORE	7	48 29.00	125 3.00	53 05 04 21	82	113		X	X	BOTT	
B. C. OFFSHORE	8	48 29.00	125 28.00	53 05 04 23	120	135		X	X	BOTT	
B. C. OFFSHORE	9	48 32.00	126 5.00	53 05 05 02	150	168		X	X	BOTT	
B. C. OFFSHORE	10	48 32.00	126 32.00	53 05 05 06	1242	1372		X	X	BOTT	
B. C. OFFSHORE	11	48 32.00	126 50.00	53 05 05 10	2000	2232		X	X	BOTT	
B. C. OFFSHORE	12	48 34.00	128 52.00	53 05 05 22	1985	2749		X	X	BOTT	
B. C. OFFSHORE	13	48 40.00	130 48.00	53 05 06 11	1921	2743		X	X	BOTT	
B. C. OFFSHORE	14	48 42.00	129 8.00	53 05 06 23	1960	2414		X	X	BOTT	
B. C. OFFSHORE	15	48 42.00	127 12.00	53 05 07 11	1918	2049		X	X	BOTT	
B. C. OFFSHORE	16	48 29.00	126 30.00	53 05 07 17	808	1280		X	X	BOTT	
B. C. OFFSHORE	17	48 30.00	126 6.00	53 05 07 20	149	172		X	X	BOTT	
B. C. OFFSHORE	18	48 30.00	125 32.00	53 05 07 23	120	128		X	X	BOTT	
B. C. OFFSHORE	19	48 31.00	125 3.00	53 05 08 02	90	243		X	X	BOTT	
B. C. OFFSHORE	20	48 30.00	125 3.00	53 05 09 21	90	126		X	X	BOTT	
B. C. OFFSHORE	21	48 41.00	125 45.00	53 05 10 01	75	121		X	X	BOTT	
B. C. OFFSHORE	22	48 45.00	126 24.00	53 05 10 05	250	305		X	X	BOTT	
B. C. OFFSHORE	23	48 51.00	126 57.00	53 05 10 08	674	914		X	X	BOTT	
B. C. OFFSHORE	24	48 27.00	127 22.00	53 05 10 14	1182	2468		X	X	BOTT	
B. C. OFFSHORE	25	48 27.00	127 47.00	53 05 10 18	1187	2542		X	X	BOTT	
B. C. OFFSHORE	26	48 33.00	127 43.00	53 05 11 03	1175	2523		X	X	BOTT	
B. C. OFFSHORE	27	48 33.00	127 19.00	53 05 11 06	1039	2523		X	X	BOTT	
B. C. OFFSHORE	28	48 38.00	127 43.00	53 05 11 14	1108	2542		X	X	BOTT	
B. C. OFFSHORE	29	48 38.00	127 23.00	53 05 11 17	1210	2405		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 53-0020B
YEAR:1953 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
B. C. OFFSHORE	30	48 27.00	124 54.00	53 06 04 12	239	260		X	X	BOTT	
B. C. OFFSHORE	47	48 27.00	131 1.00	53 06 12 19	2768	2834		X	X	BOTT	
B. C. OFFSHORE	48	49 19.00	129 34.00	53 06 13 08	2186	2296		X	X	BOTT	

B. C. OFFSHORE	49	49	2.00	127	43.00	53	06	14	10	2289	2468		X	X	BOTT		
B. C. OFFSHORE	50	49	4.00	127	28.00	53	06	14	15	1780	1920		X	X	BOTT		
B. C. OFFSHORE	51	48	58.00	127	7.00	53	06	14	20	969	1189		X	X	BOTT		
B. C. OFFSHORE	52	48	53.00	126	31.00	53	06	15	01	147	174		X	X	BOTT		
B. C. OFFSHORE	53	48	46.00	125	57.00	53	06	15	05	70	73		X	X	BOTT		
B. C. OFFSHORE	54	48	38.00	125	26.00	53	06	15	08	72	90		X	X	BOTT		
B. C. OFFSHORE	55	48	34.00	125	3.00	53	06	15	11	75	88		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0012A
YEAR:1954 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	9	50	55.30	129	7.20	54	05	07	05	75	45		X	X	BOTT		
B. C. OFFSHORE	16	50	58.70	129	13.40	54	05	07	23	150	170		X	X	BOTT		
B. C. OFFSHORE	17	51	13.40	129	40.10	54	05	08	03	300	347		X	X	BOTT		
B. C. OFFSHORE	25	51	34.50	130	18.00	54	05	09	03	300	640		X	X	BOTT		
B. C. OFFSHORE	26	51	54.80	130	51.70	54	05	09	07	150	159		X	X	BOTT		
B. C. OFFSHORE	69	54	18.50	133	0.00	54	05	13	13	400	457		X	X	BOTT		
B. C. OFFSHORE	70	54	0.00	133	30.00	54	05	13	16	150	168		X	X	BOTT		
B. C. OFFSHORE	71	54	17.00	133	30.00	54	05	13	19	300	347		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0012B
YEAR:1954 VESSEL/AGENCY: EHKOLI,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	9	50	54.30	129	2.80	54	07	01	23	50	58		X	X	BOTT		
B. C. OFFSHORE	16	51	0.00	129	15.00	54	07	02	17	125	151		X	X	BOTT		
B. C. OFFSHORE	17	51	13.00	129	39.00	54	07	02	20	300	402		X	X	BOTT		
B. C. OFFSHORE	25	51	33.50	130	18.00	54	07	05	03	500	731		X	X	BOTT		
B. C. OFFSHORE	26	51	51.00	130	52.00	54	07	05	08	190	208		X	X	BOTT		
B. C. OFFSHORE	65	54	17.50	133	0.00	54	07	15	11	300	438		X	X	BOTT		
B. C. OFFSHORE	66	54	0.00	133	30.00	54	07	15	14	150	168		X	X	BOTT		
B. C. OFFSHORE	67	54	17.00	133	30.00	54	07	15	17	240	252		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0012C
YEAR:1954 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	50	56.20	129	7.30	54	08	18	06	75	91		X	X	BOTT		
B. C. OFFSHORE	16	50	59.00	129	16.20	54	08	19	10	150	168		X	X	BOTT		
B. C. OFFSHORE	17	51	12.80	129	40.50	54	08	19	12	375	409		X	X	BOTT		
B. C. OFFSHORE	25	51	34.00	130	22.00	54	08	20	08	600			X	X	BOTT		
B. C. OFFSHORE	26	51	55.00	130	51.70	54	08	20	12	140	160		X	X	BOTT		
B. C. OFFSHORE	71	54	18.50	133	2.00	54	08	24	06	400	435		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0012D
YEAR:1954 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	10	50	55.40	129	5.20	54	12	01	14	75	87		X	X	BOTT		
B. C. OFFSHORE	11	51	0.30	129	14.60	54	12	01	15	125	153		X	X	BOTT		
B. C. OFFSHORE	12	51	13.20	129	38.20	54	12	01	18	400	457		X	X	BOTT		
B. C. OFFSHORE	18	51	33.60	130	18.10	54	12	02	13	300	859		X	X	BOTT		
B. C. OFFSHORE	19	51	52.30	130	48.60	54	12	02	16	200	237		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0019
YEAR:1954 VESSEL/AGENCY: EHKOLI,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
ALBERNI INLET	H	48	49.20	125	11.30	54	09	08	14	27	33	X		X	BOTT		
ALBERNI INLET	G	48	51.05	125	08.70	54	09	08	16	94	110	X		X	BOTT		
ALBERNI INLET	F	48	52.75	125	06.50	54	09	08	18	135	150	X		X	BOTT		
ALBERNI INLET	E	48	55.00	125	02.60	54	09	08	21	137	157	X		X	BOTT		
ALBERNI INLET	D	48	58.00	124	59.50	54	09	08	22	110	170	X		X	BOTT		
ALBERNI INLET	C	49	02.15	124	51.20	54	09	09	01	274	298	X			BOTT		
ALBERNI INLET	B	49	08.50	124	48.11	54	09	09	02	110	117	X		X	BOTT		
ALBERNI INLET	A	49	12.57	124	49.05	54	09	09	15	46	48	X		X	BOTT		
ALBERNI INLET	L-20	49	13.81	124	49.52	54	09	09	17	11	13	X		X	BOTT		
ALBERNI INLET	1	49	14.33	124	49.07	54	09	09	18	10	11	X		X	BOTT		
ALBERNI INLET	2	49	13.97	124	48.98	54	09	09	22	18	19	X		X	BOTT		
ALBERNI INLET	3	49	13.67	124	49.93	54	09	10	00	11	12	X		X	BOTT		
ALBERNI INLET	4	49	13.13	124	49.65	54	09	10	01	27	28	X		X	BOTT		
ALBERNI INLET	5	49	13.15	124	49.07	54	09	10	02	27	29	X		X	BOTT		
ALBERNI INLET	L-20A	49	13.80	124	49.52	54	09	10	18	11	12	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0020
YEAR:1954 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	29	48	56.00	127	20.00	54	06	23	11	1016	1161		X	X	BOTT		
B. C. OFFSHORE	30	48	57.00	127	53.00	54	06	23	19	1368	2468		X	X	BOTT		
B. C. OFFSHORE	31	48	20.00	127	51.00	54	06	24	03	1752	2505		X	X	BOTT		
B. C. OFFSHORE	32	48	21.00	127	3.00	54	06	24	11	1742	2597		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0020?
YEAR:1954 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	510	48	29.00	124	45.00	54	06	16	18	232	269		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0021
YEAR:1954 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	33	52	2.00	131	12.00	54	08	05	23	144	238		X	X	BOTT		
B. C. OFFSHORE	34	52	2.00	131	30.00	54	08	06	03	1248	1554		X	X	BOTT		
B. C. OFFSHORE	35	52	0.00	131	50.00	54	08	06	08	1240	2487		X	X	BOTT		
B. C. OFFSHORE	36	52	0.00	133	4.00	54	08	06	17	1252	2651		X	X	BOTT		
B. C. OFFSHORE	37	52	2.00	134	30.00	54	08	07	14	1264	3072		X	X	BOTT		
B. C. OFFSHORE	38	51	42.00	135	29.00	54	08	08	01	1252	3420		X	X	BOTT		
B. C. OFFSHORE	40	53	9.00	137	11.00	54	08	09	07	1237	3383		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0022
YEAR:1954 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	96	47	57.00	126	16.00	54	10	16	24	1289	1847		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0023
YEAR:1954 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	2	48	29.00	124	45.00	54	04	29	10	244	265		X	X	BOTT		
B. C. OFFSHORE	3	48	8.00	125	19.00	54	04	29	14	99	122		X	X	BOTT		
B. C. OFFSHORE	26	47	53.00	125	59.00	54	05	03	08	1419	2597		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0024
YEAR:1954 VESSEL/AGENCY: USCG LIGHTSHIP,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
SWIFTSURE BANK		48	32.6	124	59.6	54*				0	55		X	X		24	14

*DAILY OBSERVATIONS, JUNE 18 1954 - JUNE 30 1961

BOTTLE/CTD DATA SET NUMBER: 55-0013
YEAR:1955 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	39	54	17.30	133	0.90	55	06	17	09	200	420		X	X	BOTT		
B. C. OFFSHORE	77	51	33.10	130	19.00	55	06	22	04	400	859		X	X	BOTT		
B. C. OFFSHORE	78	51	12.20	129	39.20	55	06	22	08	250	259		X	X	BOTT		
B. C. OFFSHORE	85	51	0.20	129	14.20	55	06	23	01	125	146		X	X	BOTT		
B. C. OFFSHORE	86	50	54.20	129	3.60	55	06	23	02	75	80		X	X	BOTT		
B. C. OFFSHORE	94	50	0.80	127	23.50	55	06	23	15	100	131		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0020
YEAR:1955 VESSEL/AGENCY: JONQUIERE,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	9	50	55.30	129	4.80	55	02	07	08	50	80		X	X	BOTT		
B. C. OFFSHORE	16	51	1.00	129	15.50	55	02	07	23	100	173		X	X	BOTT		
B. C. OFFSHORE	17	51	12.00	129	39.00	55	02	08	01	100			X	X	BOTT		
B. C. OFFSHORE	25	51	33.00	130	18.50	55	02	09	10	200	365		X	X	BOTT		
B. C. OFFSHORE	26	51	53.50	130	51.30	55	02	09	12	100	171		X	X	BOTT		
B. C. OFFSHORE	70	54	17.30	133	0.00	55	02	13	22	200	449		X	X	BOTT		
B. C. OFFSHORE	71	54	0.00	133	30.00	55	02	13	23	100	149		X	X	BOTT		
B. C. OFFSHORE	72	54	17.40	133	30.00	55	02	14	01	250	290		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0021
YEAR:1955 VESSEL/AGENCY: JONQUIERE,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	2	54	17.70	133	29.50	55	04	14	16	250	296		X	X	BOTT		
B. C. OFFSHORE	3	54	16.50	133	0.00	55	04	14	17	400	446		X	X	BOTT		
B. C. OFFSHORE	39	51	54.20	130	51.00	55	04	17	11	100	168		X	X	BOTT		
B. C. OFFSHORE	40	51	32.90	130	17.50	55	04	17	13	200	400		X	X	BOTT		
B. C. OFFSHORE	48	51	12.40	129	39.00	55	04	18	03	225	283		X	X	BOTT		
B. C. OFFSHORE	49	51	0.00	129	14.50	55	04	18	05	125	160		X	X	BOTT		
B. C. OFFSHORE	54	50	54.80	129	7.00	55	04	18	12	50	80		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0023
YEAR:1955 VESSEL/AGENCY: HORIZON(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	9	46	56.00	128	40.00	55	09	01	14	2391	2761		X	X	BOTT		
B. C. OFFSHORE	8	47	36.00	126	59.00	55	09	01	22	1408	3109		X	X	BOTT		
B. C. OFFSHORE	7	47	55.00	126	4.00	55	09	02	03	1476	1664		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0024
YEAR:1955 VESSEL/AGENCY: ST THERESE,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	49	10.00	127	58.00	55	07	27	20	1178	2503		X	X	BOTT		
B. C. OFFSHORE	2	49	11.00	129	52.00	55	07	28	05	1188	2432		X	X	BOTT		
B. C. OFFSHORE	3	49	10.00	131	46.70	55	07	28	18	1156	3108		X	X	BOTT		
B. C. OFFSHORE	4	49	9.00	133	29.00	55	07	29	03	1176	3108		X	X	BOTT		
B. C. OFFSHORE	13	52	16.50	136	58.00	55	08	01	07	1198	3547		X	X	BOTT		
B. C. OFFSHORE	14	52	18.00	134	46.00	55	08	01	16	1148	3401		X	X	BOTT		
B. C. OFFSHORE	15	52	24.50	132	33.60	55	08	02	00	1180	2926		X	X	BOTT		
B. C. OFFSHORE	16	53	23.00	133	45.50	55	08	02	08	1188	2478		X	X	BOTT		
B. C. OFFSHORE	83	46	58.00	129	48.00	55	08	31	19	962	2926		X	X	BOTT		
B. C. OFFSHORE	84	47	1.00	128	1.00	55	09	01	03	1193	2651		X	X	BOTT		
B. C. OFFSHORE	85	47	42.00	126	37.00	55	09	01	09	1192	2011		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0026
YEAR:1955 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	32.00	124	46.00	55	06	14	09	143	183		X	X	BOTT		
B. C. OFFSHORE	2	48	30.00	125	3.00	55	06	14	12	100	128		X	X	BOTT		
B. C. OFFSHORE	37	47	0.00	129	21.00	55	06	30	23	2026	2509		X	X	BOTT		
B. C. OFFSHORE	38	48	36.00	126	53.00	55	07	01	18	1577	1994		X	X	BOTT		
B. C. OFFSHORE	39	48	39.00	126	22.00	55	07	02	04	294	592		X	X	BOTT		
B. C. OFFSHORE	40	48	46.00	126	5.00	55	07	02	09	75	91		X	X	BOTT		
B. C. OFFSHORE	41	48	50.00	125	57.00	55	07	02	12	50	62		X	X	BOTT		
B. C. OFFSHORE	42	48	42.00	125	24.00	55	07	02	15	100	109		X	X	BOTT		
B. C. OFFSHORE	43	48	32.00	124	45.00	55	07	02	19	150	174		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0027
YEAR:1955 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	68	50	58.00	134	51.00	55	09	11	07	2438	3475		X	X	BOTT		
B. C. OFFSHORE	69	51	2.00	132	6.00	55	09	11	24	1955	2688		X	X	BOTT		
B. C. OFFSHORE	70	51	2.00	131	0.00	55	09	12	08	2358	2518		X	X	BOTT		
B. C. OFFSHORE	71	51	2.00	129	58.00	55	09	13	01	973	1262		X	X	BOTT		
B. C. OFFSHORE	72	50	59.00	129	25.00	55	09	13	05	137	205		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0030
YEAR:1955 VESSEL/AGENCY: MITKOF,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	93	47	56.00	129	52.00	55	10	02		50			X	X	BOTT		

B. C. OFFSHORE	94	48	8.00	125	27.00	55	10	04		100			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0018
YEAR:1956 VESSEL/AGENCY: NEW GLASGOW,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	50	20.00	129	40.00	56	07	31	12	1477			X	X	BOTT		
B. C. OFFSHORE	2	51	41.00	131	9.00	56	07	31	20	996			X	X	BOTT		
B. C. OFFSHORE	3	51	58.00	133	36.00	56	08	01	05	968			X	X	BOTT		
B. C. OFFSHORE	4	52	19.00	136	17.00	56	08	01	14	1480			X	X	BOTT		
B. C. OFFSHORE	83	48	13.00	130	45.00	56	09	01	09	1935			X	X	BOTT		
B. C. OFFSHORE	84	48	16.00	128	58.00	56	09	01	19	1944			X	X	BOTT		
B. C. OFFSHORE	85	48	32.00	127	6.00	56	09	02	02	1436			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0020
YEAR:1956 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	51	5.00	129	21.00	56	05	04	10	196	214		X	X	BOTT		
B. C. OFFSHORE	2	50	58.00	130	14.00	56	05	04	17	1963	2195		X	X	BOTT		
B. C. OFFSHORE	3	50	43.00	132	18.00	56	05	05	06	2466	2792		X	X	BOTT		
B. C. OFFSHORE	4	50	41.00	134	29.00	56	05	05	20	1972	3396		X	X	BOTT		
B. C. OFFSHORE	46	48	14.00	130	25.00	56	06	08	05	1881	2222		X	X	BOTT		
B. C. OFFSHORE	48	48	25.00	125	56.00	56	06	08	19	145	172		X	X	BOTT		
B. C. OFFSHORE	47	48	26.00	128	17.00	56	06	09	01	1591	2560		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0021
YEAR:1956 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	60	53	19.00	133	26.00	56	07	12	15	481	1463		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0022
YEAR:1956 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	44	48	27.00	124	53.00	56	07	19	10	197	300		X	X	BOTT		
B. C. OFFSHORE	45	48	11.00	126	53.00	56	07	19	23	1434			X	X	BOTT		
B. C. OFFSHORE	46	50	1.00	132	15.00	56	07	22	15	1435	3081		X	X	BOTT		
B. C. OFFSHORE	47	50	0.00	133	55.00	56	07	23	17	1420			X	X	BOTT		
B. C. OFFSHORE	80	49	5.00	133	4.00	56	08	27	05	1399	3292		X	X	BOTT		
B. C. OFFSHORE	81	50	1.00	131	28.00	56	08	28	03	1438	2560		X	X	BOTT		
B. C. OFFSHORE	82	49	59.00	129	28.00	56	08	29	04	1239	2195		X	X	BOTT		

B. C. OFFSHORE	83	48	32.00	127	57.00	56	08	30	03	1097	2468		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0023
YEAR:1956 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	19	48	31.00	125	3.00	56	12	06	18	94	128		X	X	BOTT		
B. C. OFFSHORE	20	48	39.00	125	56.00	56	12	06	22	56	73		X	X	BOTT		
B. C. OFFSHORE	21	48	48.00	126	39.00	56	12	07	04	473	550		X	X	BOTT		
B. C. OFFSHORE	22	48	55.00	127	14.00	56	12	07	10	1361	2085		X	X	BOTT		
B. C. OFFSHORE	23	49	2.00	127	53.00	56	12	07	17	1360	2532		X	X	BOTT		
B. C. OFFSHORE	24	48	33.00	127	43.00	56	12	08	00	1412	2597		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0025
YEAR:1956 VESSEL/AGENCY: PARAGON(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	168	50	0.00	130	0.00	56	09	24	02	923			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0026
YEAR:1956 VESSEL/AGENCY: REHOBOTH(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	60	48	0.00	131	0.00	56	10	31	20	2454	2730		X	X	BOTT		
B. C. OFFSHORE	61	48	0.00	129	0.00	56	11	01	05	2496	2833		X	X	BOTT		
B. C. OFFSHORE	63	48	0.00	126	0.00	56	11	06	08	2450	2524		X	X	BOTT		
B. C. OFFSHORE	64	49	0.00	128	0.00	56	11	06	17	1800	1853		X	X	BOTT		
B. C. OFFSHORE	65	50	0.00	129	0.00	56	11	07	00	1651	1836		X	X	BOTT		
B. C. OFFSHORE	66	50	0.00	130	0.00	56	11	07	07	2284	2400		X	X	BOTT		
B. C. OFFSHORE	67	51	0.00	132	0.00	56	11	07	15	2467	2697		X	X	BOTT		
B. C. OFFSHORE	68	50	0.00	132	0.00	56	11	08	01	3016	3072		X	X	BOTT		
B. C. OFFSHORE	71	49	0.00	129	0.00	56	11	08	01	2256	2377		X	X	BOTT		
B. C. OFFSHORE	70	49	0.00	131	0.00	56	11	08	16	3108	3179		X	X	BOTT		
B. C. OFFSHORE	72	48	0.00	128	0.00	56	11	09	06	2490	2492		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0007A
YEAR:1957 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	5	47	59.00	128	27.00	57	09	20	09	1971	2560	X		X	BOTT		
B. C. OFFSHORE	6	49	0.00	129	28.00	57	09	20	18	1922	2377	X		X	BOTT		
B. C. OFFSHORE	7	50	4.00	130	31.00	57	09	21	02	1927	2203	X		X	BOTT		
B. C. OFFSHORE	8	50	59.00	131	27.00	57	09	21	10	1978	2560	X		X	BOTT		

B. C. OFFSHORE	9	52	1.00	132	28.00	57	09	21	18	1974	2468	X		X	[illegible]		
B. C. OFFSHORE	10	53	0.00	133	38.00	57	09	22	02	1894	2834	X		X	[illegible]		
B. C. OFFSHORE	11	53	55.00	134	31.00	57	09	22	10	1968	2651	X		X	BOTT		
B. C. OFFSHORE	17	53	59.50	135	50.00	57	09	24	17	1687	2743	X		X	BOTT		
B. C. OFFSHORE	18	53	59.00	134	51.00	57	09	24	22	1663	2651	X		X	BOTT		
B. C. OFFSHORE	19	54	0.00	134	18.00	57	09	25	01	1660	2743	X		X	BOTT		
B. C. OFFSHORE	20	54	0.00	133	45.00	57	09	25	04	946	1152	X		X	BOTT		
B. C. OFFSHORE	21	54	0.00	133	24.00	57	09	25	07	75	91	X		X	BOTT		
B. C. OFFSHORE	22	53	17.00	132	47.00	57	09	27	22	125	138	X		X	BOTT		
B. C. OFFSHORE	23	53	17.00	132	54.00	57	09	27	23	596	640	X		X	BOTT		
B. C. OFFSHORE	24	53	8.00	133	38.00	57	09	28	02	985	2743	X		X	BOTT		
B. C. OFFSHORE	25	52	40.00	135	1.00	57	09	28	09	1684	3291	X		X	BOTT		
B. C. OFFSHORE	26	52	27.00	136	18.00	57	09	28	16	1668	3474	X		X	BOTT		
B. C. OFFSHORE	29	50	17.00	135	35.00	57	09	29	14	1671		X		X	BOTT		
B. C. OFFSHORE	30	50	48.00	134	17.00	57	09	29	21	1687	3291	X		X	BOTT		
B. C. OFFSHORE	31	51	15.00	132	58.00	57	09	30	03	1678	2926	X		X	BOTT		
B. C. OFFSHORE	32	51	34.00	132	0.00	57	09	30	08	1685	2468	X		X	BOTT		
B. C. OFFSHORE	33	51	47.00	131	19.00	57	09	30	12	1684	1920	X		X	BOTT		
B. C. OFFSHORE	34	51	52.00	131	5.00	57	09	30	15	400	1097	X		X	BOTT		
B. C. OFFSHORE	35	51	39.00	130	25.00	57	09	30	19	172	248	X		X	BOTT		
B. C. OFFSHORE	36	51	18.00	129	44.00	57	09	30	22	225	256	X		X	BOTT		
B. C. OFFSHORE	37	51	1.00	129	26.50	57	10	01	01	419	530	X		X	BOTT		
B. C. OFFSHORE	38	50	55.00	129	8.00	57	10	01	03	50	54	X		X	BOTT		
B. C. OFFSHORE	39	50	45.00	129	25.00	57	10	01	05	249	310	X		X	BOTT		
B. C. OFFSHORE	40	50	26.00	129	56.00	57	10	01	08	1657	2011	X		X	BOTT		
B. C. OFFSHORE	41	50	26.00	129	10.00	57	10	01	11	986	2011	X		X	BOTT		
B. C. OFFSHORE	42	50	26.00	128	27.00	57	10	01	17	148	199	X		X	BOTT		
B. C. OFFSHORE	43	50	26.00	128	5.00	57	10	01	18	48	64	X		X	BOTT		
B. C. OFFSHORE	44	50	6.00	127	58.00	57	10	01	20	48	67	X		X	BOTT		
B. C. OFFSHORE	45	49	59.00	128	7.00	57	10	01	22	588	777	X		X	BOTT		
B. C. OFFSHORE	46	49	53.00	128	15.00	57	10	01	23	1485		X		X	BOTT		
B. C. OFFSHORE	47	49	45.00	128	28.00	57	10	02	02	1668	1737	X		X	BOTT		
B. C. OFFSHORE	48	48	27.00	126	10.00	57	10	02	14	188	268	X		X	BOTT		
B. C. OFFSHORE	49	48	39.00	125	55.00	57	10	02	16	50	76	X		X	BOTT		
B. C. OFFSHORE	50	48	46.00	125	46.00	57	10	02	17	100	138	X		X	BOTT		
B. C. OFFSHORE	51	48	55.00	125	34.00	57	10	02	18	47	65	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0007B
YEAR:1957 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	48	51.00	125	34.00	57	11	26	02	30	43	X		X	BOTT		
B. C. OFFSHORE	2	48	46.60	125	45.80	57	11	26	04	30	51	X		X	BOTT		
B. C. OFFSHORE	3	48	39.00	125	56.00	57	11	26	06	74	82	X		X	BOTT		
B. C. OFFSHORE	4	48	27.00	126	15.00	57	11	26	09	286		X		X	BOTT		
B. C. OFFSHORE	5	48	1.00	127	0.00	57	11	26	15	980		X		X	BOTT		
B. C. OFFSHORE	6	47	20.00	127	52.00	57	11	26	23	984	2638	X		X	BOTT		
B. C. OFFSHORE	7	46	41.00	129	1.00	57	11	27	07	995	2637	X		X	BOTT		
B. C. OFFSHORE	8	47	48.00	131	22.00	57	11	27	22	1427	2852	X		X	BOTT		
B. C. OFFSHORE	9	48	25.00	130	27.00	57	11	28	08	955	2798	X		X	BOTT		
B. C. OFFSHORE	10	49	9.50	129	35.00	57	11	28	16	980	2414	X		X	BOTT		
B. C. OFFSHORE	11	49	46.00	128	21.00	57	11	29	00	1394	3244	X		X	BOTT		
B. C. OFFSHORE	12	49	53.00	128	15.00	57	11	29	04	1312	1933	X		X	BOTT		
B. C. OFFSHORE	13	49	59.00	128	5.00	57	11	29	07	594	914	X		X	BOTT		
B. C. OFFSHORE	14	50	5.50	127	57.90	57	11	29	09	45	91	X		X	BOTT		
B. C. OFFSHORE	15	50	26.00	128	5.50	57	11	29	12	30	43	X		X	BOTT		
B. C. OFFSHORE	16	50	26.00	128	28.00	57	11	29	14	152	237	X		X	BOTT		
B. C. OFFSHORE	19	54	17.00	133	2.00	57	12	02	12	188	438	X		X	BOTT		
B. C. OFFSHORE	20	53	59.50	133	26.50	57	12	02	18	72	82	X		X	BOTT		
B. C. OFFSHORE	21	53	49.00	133	37.00	57	12	02	20	625	1005	X		X	BOTT		
B. C. OFFSHORE	22	53	35.00	134	3.00	57	12	03	02	2310	2779	X		X	BOTT		
B. C. OFFSHORE	23	53	12.00	134	27.00	57	12	03	10	297		X		X	BOTT		
B. C. OFFSHORE	24	52	51.50	134	55.00	57	12	03	17	2300	2505	X		X	BOTT		
B. C. OFFSHORE	25	53	6.00	133	39.00	57	12	03	22	2414	2820	X		X	BOTT		
B. C. OFFSHORE	26	53	15.70	132	56.50	57	12	04	03	299	384	X		X	BOTT		
B. C. OFFSHORE	27	53	17.60	132	47.20	57	12	04	05	75	113	X		X	BOTT		
B. C. OFFSHORE	28	54	0.00	133	14.00	57	12	04	10	25	36	X		X	BOTT		
B. C. OFFSHORE	29	54	0.00	134	1.00	57	12	04	14	777		X		X	BOTT		
B. C. OFFSHORE	30	54	0.00	134	18.00	57	12	04	17	2175	2757	X		X	BOTT		
B. C. OFFSHORE	31	54	2.00	134	51.00	57	12	04	21	297	2633	X		X	BOTT		
B. C. OFFSHORE	34	51	38.00	130	20.00	57	12	07	10	293	420	X		X	BOTT		
B. C. OFFSHORE	35	51	17.00	129	47.00	57	12	07	14	200	237	X		X	BOTT		
B. C. OFFSHORE	39	48	0.00	128	30.00	57	12	16	11	2000		X		X	BOTT		

B. C. OFFSHORE	40	49	0.00	129	30.00	57	12	16	20	1050		X		X	BOTT		
B. C. OFFSHORE	41	50	0.00	130	30.00	57	12	17	03	1982		X		X	BOTT		
B. C. OFFSHORE	42	50	22.00	129	54.00	57	12	17	08	270	2103	X		X	BOTT		
B. C. OFFSHORE	43	50	48.00	129	27.00	57	12	17	11	298	362	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0008
YEAR:1957 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	50	15.00	129	40.00	57	01	23	00	1162			X	X	BOTT		
B. C. OFFSHORE	2	51	35.00	131	45.00	57	01	23	15	1486			X	X	BOTT		
B. C. OFFSHORE	3	51	22.00	133	48.00	57	01	24	01	1970			X	X	BOTT		
B. C. OFFSHORE	4	51	8.00	135	42.00	57	01	24	11	1463			X	X	BOTT		
B. C. OFFSHORE	46	53	10.00	135	10.00	57	02	20	00	1956			X	X	BOTT		
B. C. OFFSHORE	47	53	28.00	133	32.00	57	02	20	08	1482			X	X	BOTT		
B. C. OFFSHORE	67	47	26.00	127	57.00	57	03	04	04	1581			X	X	BOTT		
B. C. OFFSHORE	68	48	10.00	126	15.00	57	03	04	14	1540			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0009
YEAR:1957 VESSEL/AGENCY: HORIZON,SCRIPPS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	14	53	16.5	138	24.5	57	08	15	08	3218	3462		X	X	BOTT		
B.C. OFFSHORE	15	54	03.5	135	26.5	57	08	16	01	2614	2630		X	X	BOTT		
B.C. OFFSHORE	16	53	42.0	133	21.5	57	08	16	17	820	872		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0016
YEAR:1957 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	4	48	0.00	128	20.00	57	04	26	19	1459	2651		X	X	BOTT		
B. C. OFFSHORE	5	49	0.00	129	21.00	57	04	27	07	1440	2275		X	X	BOTT		
B. C. OFFSHORE	6	49	58.00	130	29.00	57	04	27	16	1456			X	X	BOTT		
B. C. OFFSHORE	7	50	49.00	131	33.00	57	04	28	02	1486	2743		X	X	BOTT		
B. C. OFFSHORE	8	52	0.00	132	40.00	57	04	28	12	1483			X	X	BOTT		
B. C. OFFSHORE	9	53	0.00	133	43.40	57	04	29	03	1452			X	X	BOTT		
B. C. OFFSHORE	10	54	0.00	134	50.00	57	04	29	11	1466			X	X	BOTT		
B. C. OFFSHORE	17	54	0.00	135	45.00	57	05	01	22	1466			X	X	BOTT		
B. C. OFFSHORE	18	54	0.00	134	51.00	57	05	02	03	1476			X	X	BOTT		
B. C. OFFSHORE	19	53	59.00	134	17.00	57	05	02	07	1477	2743		X	X	BOTT		
B. C. OFFSHORE	20	54	0.00	133	45.00	57	05	02	10	329			X	X	BOTT		
B. C. OFFSHORE	21	54	0.00	133	29.00	57	05	02	12	123	160		X	X	BOTT		
B. C. OFFSHORE	22	54	2.00	133	16.30	57	05	02	13	45	51		X	X	BOTT		
B. C. OFFSHORE	24	53	18.00	132	48.00	57	05	07	23	125	142		X	X	BOTT		
B. C. OFFSHORE	25	53	13.00	133	9.00	57	05	08	02	690	850		X	X	BOTT		
B. C. OFFSHORE	26	53	7.00	133	39.00	57	05	08	07	2590			X	X	BOTT		
B. C. OFFSHORE	27	52	49.00	135	10.00	57	05	08	15	1482	3108		X	X	BOTT		
B. C. OFFSHORE	28	52	26.00	136	21.00	57	05	08	23	1481	3310		X	X	BOTT		
B. C. OFFSHORE	30	50	20.00	135	40.00	57	05	09	23	1483	3493		X	X	BOTT		
B. C. OFFSHORE	31	50	39.00	134	45.00	57	05	10	07	2955	3291		X	X	BOTT		
B. C. OFFSHORE	32	51	16.00	133	6.00	57	05	10	16	2664	2834		X	X	BOTT		
B. C. OFFSHORE	33	51	37.00	132	0.00	57	05	10	23	2326			X	X	BOTT		
B. C. OFFSHORE	34	51	48.00	131	20.00	57	05	11	04	1751	1920		X	X	BOTT		

B. C. OFFSHORE	35	51	54.40	131	5.40	57	05	11	06	207			X	X	BOTT		
B. C. OFFSHORE	36	51	35.50	130	29.00	57	05	11	11	597			X	X	BOTT		
B. C. OFFSHORE	37	51	16.00	129	44.00	57	05	11	15	350			X	X	BOTT		
B. C. OFFSHORE	38	51	2.00	129	20.00	57	05	11	18	170	184		X	X	BOTT		
B. C. OFFSHORE	39	50	55.00	129	8.20	57	05	11	20	50	71		X	X	BOTT		
B. C. OFFSHORE	40	50	44.20	129	24.00	57	05	11	22	495	822		X	X	BOTT		
B. C. OFFSHORE	41	50	37.00	129	39.00	57	05	12	02	1739			X	X	BOTT		
B. C. OFFSHORE	42	50	30.00	128	37.00	57	05	12	06	790	914		X	X	BOTT		
B. C. OFFSHORE	43	50	28.40	128	23.00	57	05	12	08	148	175		X	X	BOTT		
B. C. OFFSHORE	44	50	27.00	128	11.00	57	05	12	09	75	91		X	X	BOTT		
B. C. OFFSHORE	45	50	6.50	127	57.00	57	05	12	12	30	51		X	X	BOTT		
B. C. OFFSHORE	46	49	59.70	128	9.00	57	05	12	14	350			X	X	BOTT		
B. C. OFFSHORE	47	49	58.00	128	16.00	57	05	12	15	1463			X	X	BOTT		
B. C. OFFSHORE	48	49	46.00	128	29.00	57	05	12	18	1486			X	X	BOTT		
B. C. OFFSHORE	49	49	9.00	129	24.30	57	05	13	01	2175	2377		X	X	BOTT		
B. C. OFFSHORE	50	48	32.00	130	23.00	57	05	13	10	1983			X	X	BOTT		
B. C. OFFSHORE	51	47	28.00	127	49.00	57	05	14	01	1977	2560		X	X	BOTT		
B. C. OFFSHORE	52	48	3.00	126	57.00	57	05	14	08	1943	2441		X	X	BOTT		
B. C. OFFSHORE	53	48	29.00	126	12.00	57	05	14	13	300			X	X	BOTT		
B. C. OFFSHORE	54	48	32.00	126	9.00	57	05	14	15	240			X	X	BOTT		
B. C. OFFSHORE	55	48	46.00	125	58.00	57	05	14	17	50	76		X	X	BOTT		
B. C. OFFSHORE	56	48	54.00	125	33.00	57	05	14	20	50	95		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0021A
YEAR:1957 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	36	48	30.00	125	5.00	57	02	05	15	115	150		X	X	BOTT		
B. C. OFFSHORE	38	47	50.00	126	3.00	57	02	06	03	1384	1756		X	X	BOTT		
B. C. OFFSHORE	39	47	39.00	126	48.00	57	02	06	10	1460	2578		X	X	BOTT		
B. C. OFFSHORE	40	47	29.00	127	27.00	57	02	06	16	1402	2542		X	X	BOTT		
B. C. OFFSHORE	49	48	11.00	126	54.00	57	02	08	22	1327	2560		X	X	BOTT		
B. C. OFFSHORE	50	48	10.00	127	40.00	57	02	09	07	665	2600		X	X	BOTT		
B. C. OFFSHORE	51	48	10.00	128	26.00	57	02	09	15	1445	2560		X	X	BOTT		
B. C. OFFSHORE	52	48	11.00	129	10.00	57	02	09	21	1345	2560		X	X	BOTT		
B. C. OFFSHORE	53	48	41.00	129	2.00	57	02	10	03	1231	2624		X	X	BOTT		
B. C. OFFSHORE	54	48	52.00	127	31.00	57	02	10	18	1448	2287		X	X	BOTT		
B. C. OFFSHORE	55	48	46.00	126	34.00	57	02	11	00	991	1244		X	X	BOTT		
B. C. OFFSHORE	56	48	39.00	125	55.00	57	02	11	06	84	91		X	X	BOTT		
B. C. OFFSHORE	57	48	30.00	125	4.00	57	02	11	11	135	146		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0021B
YEAR:1957 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	58	48	30.00	125	6.00	57	05	14	14	125	146		X	X	BOTT		
B. C. OFFSHORE	60	47	51.00	126	6.00	57	05	15	03	1494	1646		X	X	BOTT		
B. C. OFFSHORE	61	47	41.00	126	49.00	57	05	15	11	1446	2414		X	X	BOTT		
B. C. OFFSHORE	62	47	29.00	127	27.00	57	05	15	17	1489	2609		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0021C
YEAR:1957 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	87	48	27.00	124	45.00	57	07	11	00	252	280	X		X	BOTT		
B. C. OFFSHORE	89	48	9.00	125	11.00	57	07	11	09	276	305	X		X	BOTT		
B. C. OFFSHORE	88	48	19.00	124	56.00	57	07	11	21	268	617	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0021D
YEAR:1957 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	108	48	29.00	125	7.00	57	11	05	16	124	154	X		X	BOTT		
B. C. OFFSHORE	110	47	49.00	126	4.00	57	11	06	06	1590	1756	X		X	BOTT		
B. C. OFFSHORE	111	47	38.00	126	44.00	57	11	06	12	1745	2377	X		X	BOTT		
B. C. OFFSHORE	123	48	10.00	125	48.00	57	11	09	05	880	1033	X		X	BOTT		
B. C. OFFSHORE	124	48	10.00	126	33.00	57	11	09	10	1773	2560	X		X	BOTT		
B. C. OFFSHORE	125	48	35.00	128	1.00	57	11	09	17	1559	2597	X		X	BOTT		
B. C. OFFSHORE	126	48	10.00	128	0.00	57	11	10	00	1775	2560	X		X	BOTT		
B. C. OFFSHORE	127	48	35.00	128	1.00	57	11	10	06	1484	2468	X		X	BOTT		
B. C. OFFSHORE	128	49	0.00	128	2.00	57	11	10	13	1692	2381	X		X	BOTT		
B. C. OFFSHORE	129	48	53.00	127	17.00	57	11	10	21	1590	2012	X		X	BOTT		
B. C. OFFSHORE	130	48	45.00	126	35.00	57	11	11	04	487	677	X		X	BOTT		
B. C. OFFSHORE	131	48	36.00	125	51.00	57	11	11	08	60	73	X		X	BOTT		
B. C. OFFSHORE	132	48	30.00	125	5.00	57	11	11	13	125	141	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0022
YEAR:1957 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	59	50	16.00	132	43.00	57	07	25	21	1748	2981	X		X	BOTT		
B. C. OFFSHORE	60	50	51.00	135	50.00	57	07	26	17	1760	3658	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0023
YEAR:1957 VESSEL/AGENCY: PARAGON(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	92	50	0.00	135	0.00	57	09	10	01	1085			X	X	BOTT		
B. C. OFFSHORE	93	50	0.00	130	0.00	57	09	12	04	1029			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0025
YEAR:1957 VESSEL/AGENCY: H.M.SMITH,BUREAU FISHERIES

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	57	47	00.0	129	08.0	57	07	24	05	1281			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0026
YEAR:1957 VESSEL/AGENCY: EHKOLI,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
QUATSINO SOUND	Q1	50	24.5	128	00.2	57	08	15	16	137	165	X		X	BOTT		
QUATSINO SOUND	Q2	50	28.4	127	55.2	57	08	15	18	137	190	X		X	BOTT		
QUATSINO SOUND	Q3	50	28.8	127	47.4	57	08	15	19	91	117	X		X	BOTT		
QUATSINO SOUND	Q4	50	31.2	127	40.6	57	08	15	21	91	123	X		X	BOTT		
QUATSINO SOUND	Q5	50	31.5	127	37.3	57	08	15	22	91	99	X		X	BOTT		
QUATSINO SOUND	Q6	50	31.7	127	34.5	57	08	15	23	18	19	X		X	BOTT		
QUATSINO SOUND	Q7	50	33.8	127	33.1	57	08	16	00	137	161	X		X	BOTT		
HOLBERG INLET	Q8	50	35.1	127	35.5	57	08	16	01	91	134	X		X	BOTT		
HOLBERG INLET	Q9	50	35.8	127	34.7	57	08	16	01	18	27	X		X	BOTT		
HOLBERG INLET	Q10	50	35.4	127	40.6	57	08	16	14	91	113	X		X	BOTT		
HOLBERG INLET	Q11	50	36.3	127	48.3	57	08	16	16	46	73	X		X	BOTT		
HOLBERG INLET	Q12	50	38.4	127	58.2	57	08	16	17	46	57	X		X	BOTT		
RUPERT INLET	Q13	50	34.8	127	30.8	57	08	16	20	91	132	X		X	BOTT		
RUPERT INLET	Q14	50	35.4	127	26.3	57	08	16	21	46	68	X		X	BOTT		
NEROUTSOS IN.	Q20	50	22.0	127	26.5	57	08	19	13	46	59	X		X	BOTT		
NEROUTSOS IN.	Q19	50	23.0	127	27.4	57	08	19	14	27	42	X		X	BOTT		
NEROUTSOS IN.	Q18	50	24.3	127	29.3	57	08	19	15	91	132	X		X	BOTT		
NEROUTSOS IN.	Q17	50	26.0	127	30.6	57	08	19	16	137	188	X		X	BOTT		
NEROUTSOS IN.	Q16	50	27.8	127	32.2	57	08	19	16	137	190	X		X	BOTT		
QUATSINO SOUND	Q15	50	29.8	127	34.8	57	08	19	17	137	209	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0027
YEAR:1957 VESSEL/AGENCY: EHKOLI,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BARKLEY SOUND	A-1	48	49.2	125	11.4	57	08	20	15	27	31	X		X	BOTT		
BARKLEY SOUND	A-2	48	51.0	125	08.7	57	08	20	16	91	104	X		X	BOTT		
BARKLEY SOUND	A-3	48	52.7	125	06.4	57	08	20	17	137	152	X		X	BOTT		
BARKLEY SOUND	A-4	48	55.0	125	02.5	57	08	20	18	137	154	X		X	BOTT		
ALBERNI INLET	A-5	48	57.7	124	59.8	57	08	20	19	137	177	X		X	BOTT		
ALBERNI INLET	A-6	49	02.2	124	51.2	57	08	20	20	274	304	X		X	BOTT		
ALBERNI INLET	A-7	49	08.4	124	48.1	57	08	20	22	91	130	X		X	BOTT		
ALBERNI INLET	A-8	49	12.5	124	49.2	57	08	20	23	46	59	X		X	BOTT		
ALBERNI INLET	A-10	49	14.3	124	49.1	57	08	21	15	13	15	X		X	BOTT		
ALBERNI INLET	A-11	49	14.0	124	49.1	57	08	21	16	14	18	X		X	BOTT		
ALBERNI INLET	A-12	49	13.7	124	50.0	57	08	21	16	14	17	X		X	BOTT		
ALBERNI INLET	A-13	49	13.1	124	49.7	57	08	21	17	18	25	X		X	BOTT		
ALBERNI INLET	A-14	49	13.2	124	49.1	57	08	21	18	27	31	X		X	BOTT		
ALBERNI INLET	A-9	49	13.8	124	49.4	57	08	21	19	13	14	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0028
YEAR:1957 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	5	48	1.00	128	30.00	57	07	04	16	1473	2560		X	X	BOTT	
B. C. OFFSHORE	6	48	58.00	129	32.00	57	07	05	00	1325	2286		X	X	BOTT	
B. C. OFFSHORE	7	50	0.00	130	30.00	57	07	05	08	1450	2286		X	X	BOTT	
B. C. OFFSHORE	8	50	59.00	131	30.00	57	07	05	15	1484	2514		X	X	BOTT	
B. C. OFFSHORE	9	52	1.00	132	45.00	57	07	06	00	1468	2560		X	X	BOTT	
B. C. OFFSHORE	10	53	0.00	133	40.00	57	07	06	08	1485	2743		X	X	BOTT	
B. C. OFFSHORE	11	53	58.00	135	49.00	57	07	06	19	1450	2743		X	X	BOTT	
B. C. OFFSHORE	12	54	0.00	134	57.00	57	07	07	00	1487	2560		X	X	BOTT	
B. C. OFFSHORE	13	54	0.00	134	27.00	57	07	07	03	243	2651		X	X	BOTT	
B. C. OFFSHORE	14	54	0.00	133	45.00	57	07	07	06	778	1078		X	X	BOTT	
B. C. OFFSHORE	15	54	0.00	133	28.50	57	07	07	09	118	160		X	X	BOTT	
B. C. OFFSHORE	16	54	5.00	133	18.00	57	07	07	10	40	58		X	X	BOTT	
B. C. OFFSHORE	17	54	17.00	133	2.00	57	07	09	02	380	457		X	X	BOTT	
B. C. OFFSHORE	18	53	18.00	132	48.00	57	07	09	10	140	164		X	X	BOTT	
B. C. OFFSHORE	19	53	12.50	133	9.10	57	07	09	12	488	932		X	X	BOTT	
B. C. OFFSHORE	20	53	6.00	133	44.00	57	07	09	14	1447	5486		X	X	BOTT	
B. C. OFFSHORE	21	52	48.00	134	57.50	57	07	09	20	2580	3017		X	X	BOTT	
B. C. OFFSHORE	22	51	11.00	132	55.00	57	07	10	09	935	2926		X	X	BOTT	
B. C. OFFSHORE	23	51	38.00	131	58.00	57	07	10	16	1484	2377		X	X	BOTT	
B. C. OFFSHORE	24	51	49.00	131	28.00	57	07	10	20	600	2011		X	X	BOTT	
B. C. OFFSHORE	25	51	51.00	131	5.00	57	07	11	00	961	1463		X	X	BOTT	
B. C. OFFSHORE	26	51	38.00	131	58.00	57	07	11	04	1460	2377		X	X	BOTT	
B. C. OFFSHORE	27	50	6.00	127	57.00	57	07	11	20	75	95		X	X	BOTT	
B. C. OFFSHORE	28	49	59.00	128	7.20	57	07	11	22	689	832		X	X	BOTT	
B. C. OFFSHORE	29	49	53.00	128	16.00	57	07	12	03	1489	1828		X	X	BOTT	
B. C. OFFSHORE	30	48	25.00	126	20.00	57	07	12	15	495	627		X	X	BOTT	
B. C. OFFSHORE	31	48	35.00	125	56.00	57	07	12	17	50	78		X	X	BOTT	
B. C. OFFSHORE	32	48	46.50	125	44.50	57	07	12	18	50	69		X	X	BOTT	
B. C. OFFSHORE	33	48	53.20	125	33.40	57	07	12	20	75	93		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 57-0029
YEAR:1957 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	1	47	58.00	126	12.00	57	07	23	07	900		X		X	BOTT	
B. C. OFFSHORE	2	47	42.00	128	5.00	57	07	23	18	963		X		X	BOTT	
B. C. OFFSHORE	3	47	27.00	129	59.50	57	07	24	05	1567		X		X	BOTT	
B. C. OFFSHORE	52	53	38.00	137	35.00	57	08	20	07	1990		X		X	BOTT	
B. C. OFFSHORE	53	53	58.00	135	37.00	57	08	20	15	1958		X		X	BOTT	
B. C. OFFSHORE	54	54	10.00	134	20.50	57	08	20	23	1936		X		X	BOTT	
B. C. OFFSHORE	55	54	19.00	133	35.00	57	08	21	03	225		X		X	BOTT	
B. C. OFFSHORE	56	53	0.00	133	0.00	57	08	24	18	1481		X		X	BOTT	
B. C. OFFSHORE	57	51	0.00	133	22.00	57	08	25	10	1967		X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 57-0030
YEAR:1957 VESSEL/AGENCY: REHOBOTH(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	1	48	0.00	126	0.00	57	07	03	04	370	1372		X	X	BOTT	
B. C. OFFSHORE	2	48	0.00	127	0.00	57	07	03	14	2050	2048		X	X	BOTT	
B. C. OFFSHORE	3	48	0.00	126	0.00	57	07	03	18	1179	1295		X	X	BOTT	

B. C. OFFSHORE	4	48	0.00	126	0.00	57	07	15	04	1300	1330		X	X	BOTT		
B. C. OFFSHORE	5	48	0.00	126	0.00	57	07	15	15	1300	1311		X	X	BOTT		
B. C. OFFSHORE	6	48	0.00	127	0.00	57	07	16	16	2050	2055		X	X	BOTT		
B. C. OFFSHORE	7	48	0.00	127	0.00	57	07	16	23	2050	2055		X	X	BOTT		
B. C. OFFSHORE	8	48	0.00	126	0.00	57	07	23	08	1461	1383		X	X	BOTT		
B. C. OFFSHORE	9	48	0.00	127	0.00	57	07	23	12	2460	2468		X	X	BOTT		
B. C. OFFSHORE	10	48	0.00	128	0.00	57	07	23	16	2464	2460		X	X	BOTT		
B. C. OFFSHORE	11	48	0.00	128	0.00	57	07	23	20	2466			X	X	BOTT		
B. C. OFFSHORE	12	48	0.00	129	0.00	57	07	24	01	2732	2743		X	X	BOTT		
B. C. OFFSHORE	13	48	0.00	130	0.00	57	07	24	04	2774			X	X	BOTT		
B. C. OFFSHORE	14	48	0.00	130	0.00	57	07	24	08	2760			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0033
YEAR:1957 VESSEL/AGENCY: STE THERESE,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	53	59.50	133	26.50	57	11	12	20	74	84	X		X	BOTT		
B. C. OFFSHORE	2	53	55.70	133	31.00	57	11	12	21	291	345	X		X	BOTT		
B. C. OFFSHORE	3	53	50.00	133	37.50	57	11	12	22	296	347	X		X	BOTT		
B. C. OFFSHORE	4	53	46.00	133	46.00	57	11	12	23	884	1828	X		X	BOTT		
B. C. OFFSHORE	5	53	37.00	133	57.00	57	11	13	01	900	2212	X		X	BOTT		
B. C. OFFSHORE	6	53	29.00	134	9.00	57	11	13	04	846		X		X	BOTT		
B. C. OFFSHORE	7	53	21.50	134	20.00	57	11	13	07	998		X		X	BOTT		
B. C. OFFSHORE	8	53	13.80	134	31.20	57	11	13	10	973	2794	X		X	BOTT		
B. C. OFFSHORE	9	53	5.80	134	41.00	57	11	13	13	899	1474	X		X	BOTT		
B. C. OFFSHORE	10	52	50.50	135	4.00	57	11	13	17	840	3017	X		X	BOTT		
B. C. OFFSHORE	11	52	34.50	135	26.00	57	11	13	20	836	3438	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0007
YEAR:1958 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	5	47	35.00	127	21.00	58	03	12	11	1982	2553	X		X	BOTT		
B. C. OFFSHORE	6	47	41.00	129	9.00	58	03	12	20	2482	2551	X		X	BOTT		
B. C. OFFSHORE	7	47	49.00	131	5.00	58	03	13	05	2394	2834	X		X	BOTT		
B. C. OFFSHORE	11	48	57.00	132	13.00	58	03	14	15	2436	2962	X		X	BOTT		
B. C. OFFSHORE	12	49	30.00	130	58.00	58	03	14	23	2393	2514	X		X	BOTT		
B. C. OFFSHORE	13	49	48.00	129	30.00	58	03	15	06	1388	1490	X		X	BOTT		
B. C. OFFSHORE	14	50	18.00	128	35.00	58	03	15	10	1130	1463	X		X	BOTT		
B. C. OFFSHORE	15	50	13.00	128	46.00	58	03	15	13	1180	1627	X		X	BOTT		
B. C. OFFSHORE	16	50	24.50	128	18.50	58	03	15	16	170	182	X		X	BOTT		
B. C. OFFSHORE	17	50	42.10	128	55.00	58	03	15	20	173	182	X		X	BOTT		
B. C. OFFSHORE	18	50	50.00	129	20.00	58	03	15	22	124	140	X		X	BOTT		
B. C. OFFSHORE	22	51	32.00	130	11.00	58	03	16	14	898	932	X		X	BOTT		
B. C. OFFSHORE	23	51	50.50	130	48.00	58	03	16	17	220	237	X		X	BOTT		
B. C. OFFSHORE	24	51	56.00	131	5.00	58	03	18	03	175	179	X		X	BOTT		
B. C. OFFSHORE	25	51	56.00	131	13.00	58	03	18	04	898	923	X		X	BOTT		
B. C. OFFSHORE	26	51	55.00	131	23.00	58	03	18	05	1489	1993	X		X	BOTT		
B. C. OFFSHORE	27	51	51.00	132	11.00	58	03	18	09	2391	2474	X		X	BOTT		
B. C. OFFSHORE	28	51	34.00	133	27.00	58	03	18	17	2900	2999	X		X	BOTT		
B. C. OFFSHORE	29	51	34.00	135	26.00	58	03	19	01	3454	3522	X		X	BOTT		
B. C. OFFSHORE	31	52	21.00	135	32.00	58	03	19	17	3372	3557	X		X	BOTT		
B. C. OFFSHORE	32	52	55.00	134	4.00	58	03	20	03	2725	2777	X		X	BOTT		
B. C. OFFSHORE	33	53	23.00	133	32.00	58	03	20	09	1820	2103	X		X	BOTT		
B. C. OFFSHORE	34	53	25.00	133	14.00	58	03	20	12	881	1005	X		X	BOTT		
B. C. OFFSHORE	35	53	30.00	133	1.00	58	03	20	14	174	184	X		X	BOTT		
B. C. OFFSHORE	36	54	0.00	133	30.00	58	03	20	18	175	192	X		X	BOTT		
B. C. OFFSHORE	37	54	0.00	133	44.00	58	03	20	19	850	991	X		X	BOTT		
B. C. OFFSHORE	38	53	58.00	134	9.00	58	03	20	21	1968	2256	X		X	BOTT		
B. C. OFFSHORE	39	54	0.00	135	6.00	58	03	21	03	2400	2615	X		X	BOTT		
B. C. OFFSHORE	50	54	15.60	133	5.00	58	03	23	06	348	374	X		X	BOTT		
B. C. OFFSHORE	94	48	47.00	132	48.00	58	04	10	01	1398		X		X	BOTT		
B. C. OFFSHORE	95	48	42.00	130	6.00	58	04	10	13	1480		X		X	BOTT		

B. C. OFFSHORE	96	48	40.00	127	32.00	58	04	10	23	1476		X		X	BOTT		
B. C. OFFSHORE	97	48	39.00	126	51.00	58	04	11	03	1273	2011	X		X	BOTT		
B. C. OFFSHORE	98	48	35.00	126	21.00	58	04	11	05	948	1051	X		X	BOTT		
B. C. OFFSHORE	99	48	39.00	126	10.00	58	04	11	08	175	186	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0008
YEAR:1958 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	7	51	10.10	129	30.90	58	06	27	00	296	420	X		X	BOTT		
B. C. OFFSHORE	8	51	30.50	130	18.00	58	06	27	03	250	329	X		X	BOTT		
B. C. OFFSHORE	14	49	44.10	132	18.50	58	07	03	15	900		X		X	BOTT		
B. C. OFFSHORE	15	48	30.00	126	9.00	58	07	04	16	285	384	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0009
YEAR:1958 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	43	50	51.80	128	56.50	58	11	19	06	49	82	X		X	BOTT		
B. C. OFFSHORE	44	50	55.50	129	15.00	58	11	19	08	75	109	X		X	BOTT		
B. C. OFFSHORE	45	51	3.00	129	32.00	58	11	19	10	369	420	X		X	BOTT		
B. C. OFFSHORE	57	54	18.50	133	3.50	58	11	23	05	384	457	X		X	BOTT		
B. C. OFFSHORE	58	54	28.00	133	4.00	58	11	23	07	75	107	X		X	BOTT		
B. C. OFFSHORE	78	53	55.00	135	23.00	58	11	27	19	1466	2743	X		X	BOTT		
B. C. OFFSHORE	79	53	55.00	134	9.00	58	11	28	00	1486	2743	X		X	BOTT		
B. C. OFFSHORE	80	54	0.00	133	16.00	58	11	28	06	40	60	X		X	BOTT		
B. C. OFFSHORE	81	53	15.00	133	2.00	58	11	28	13	498	713	X		X	BOTT		
B. C. OFFSHORE	82	53	18.00	132	52.00	58	11	28	15	299	365	X		X	BOTT		
B. C. OFFSHORE	83	53	18.00	132	49.00	58	11	28	17	249	310	X		X	BOTT		
B. C. OFFSHORE	84	51	53.00	131	11.00	58	12	02	10	658	731	X		X	BOTT		
B. C. OFFSHORE	85	51	57.00	131	3.00	58	12	02	11	185	201	X		X	BOTT		
B. C. OFFSHORE	86	51	48.00	131	26.00	58	12	02	15	1474	1828	X		X	BOTT		
B. C. OFFSHORE	87	51	16.00	133	2.00	58	12	03	00	1400	2926	X		X	BOTT		
B. C. OFFSHORE	88	50	36.00	134	20.00	58	12	03	08	1482	3291	X		X	BOTT		
B. C. OFFSHORE	89	50	24.00	131	50.00	58	12	03	20	1492	3291	X		X	BOTT		
B. C. OFFSHORE	90	50	23.00	130	0.00	58	12	04	05	1060	1645	X		X	BOTT		
B. C. OFFSHORE	91	49	43.00	128	22.00	58	12	04	14	1500	2194	X		X	BOTT		
B. C. OFFSHORE	92	49	53.20	128	3.20	58	12	04	17	1000	1280	X		X	BOTT		
B. C. OFFSHORE	93	49	57.00	127	54.00	58	12	04	19	398	493	X		X	BOTT		
B. C. OFFSHORE	94	49	2.50	126	49.00	58	12	05	09	250	274	X		X	BOTT		
B. C. OFFSHORE	95	48	27.00	126	11.00	58	12	05	13	220	256	X		X	BOTT		
B. C. OFFSHORE	96	48	34.50	125	57.00	58	12	05	15	97	109	X		X	BOTT		
B. C. OFFSHORE	97	48	51.40	125	38.80	58	12	05	18	30	45	X		X	BOTT		
B. C. OFFSHORE	98	48	37.00	125	1.00	58	12	05	21	50	54	X		X	BOTT		
B. C. OFFSHORE	99	48	27.80	124	49.00	58	12	05	22	249	274	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0014
YEAR:1958 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	53.30	125	32.80	58	07	23	03	75	107	X		X	BOTT		
B. C. OFFSHORE	2	48	45.00	125	45.00	58	07	23	05	100	118	X		X	BOTT		
B. C. OFFSHORE	3	48	35.60	126	0.00	58	07	23	08	78	106	X		X	BOTT		

B. C. OFFSHORE	4	48	17.00	126	30.00	58	07	23	12	199		X		X	BOTT	
B. C. OFFSHORE	5	47	50.00	127	21.00	58	07	23	18	1045	2560	X		X	BOTT	
B. C. OFFSHORE	6	47	14.00	128	2.00	58	07	24	02	976	2706	X		X	BOTT	
B. C. OFFSHORE	7	46	39.00	129	0.00	58	07	24	09	1044	2651	X		X	BOTT	
B. C. OFFSHORE	8	47	50.00	131	20.00	58	07	25	00	1040	2834	X		X	BOTT	
B. C. OFFSHORE	9	48	26.70	130	25.00	58	07	25	07	1036	2779	X		X	BOTT	
B. C. OFFSHORE	10	49	2.00	129	38.00	58	07	25	14	1042	2194	X		X	BOTT	
B. C. OFFSHORE	11	49	30.80	128	52.30	58	07	25	20	1044	2267	X		X	BOTT	
B. C. OFFSHORE	12	49	45.20	128	29.40	58	07	25	23	1047	1828	X		X	BOTT	
B. C. OFFSHORE	13	49	59.00	128	7.00	58	07	26	03	800	932	X		X	BOTT	
B. C. OFFSHORE	14	50	7.00	127	57.00	58	07	26	04	73	91	X		X	BOTT	
B. C. OFFSHORE	16	50	40.50	129	30.50	58	07	26	17	773	1901	X		X	BOTT	
B. C. OFFSHORE	17	50	21.00	130	0.00	58	07	26	22	978	1993	X		X	BOTT	
B. C. OFFSHORE	20	51	21.00	129	48.00	58	07	27	23	200	237	X		X	BOTT	
B. C. OFFSHORE	21	51	35.00	130	19.00	58	07	28	02	350	411	X		X	BOTT	
B. C. OFFSHORE	22	51	49.00	130	48.00	58	07	28	04	175	210	X		X	BOTT	
B. C. OFFSHORE	23	52	0.00	132	35.00	58	07	28	12	1042	3474	X		X	BOTT	
B. C. OFFSHORE	24	52	0.00	135	0.00	58	07	28	20	1037		X		X	BOTT	
B. C. OFFSHORE	25	52	0.00	137	0.00	58	07	29	05	1037		X		X	BOTT	
B. C. OFFSHORE	27	54	0.00	135	36.10	58	07	29	22	797		X		X	BOTT	
B. C. OFFSHORE	28	54	0.00	134	50.00	58	07	30	02	1042	2743	X		X	BOTT	
B. C. OFFSHORE	29	54	0.00	134	20.00	58	07	30	05	1022	2743	X		X	BOTT	
B. C. OFFSHORE	30	53	58.00	133	46.00	58	07	30	08	1040	1188	X		X	BOTT	
B. C. OFFSHORE	31	53	59.50	133	30.80	58	07	30	09	145	173	X		X	BOTT	
B. C. OFFSHORE	32	53	57.20	133	18.50	58	07	30	10	48	67	X		X	BOTT	
B. C. OFFSHORE	33	54	20.00	133	0.00	58	08	01	08	345	457	X		X	BOTT	
B. C. OFFSHORE	99	48	24.00	124	52.00	58	08	16	19	298	321	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 58-0016
YEAR:1958 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
B. C. OFFSHORE	1	48	18.00	125	10.00	58	06	27	08	98	106	X		X	BOTT	
B. C. OFFSHORE	2	48	0.00	125	48.00	58	06	27	12	300	523	X		X	BOTT	
B. C. OFFSHORE	95	50	3.00	135	9.00	58	08	13	08	1898		X		X	BOTT	
B. C. OFFSHORE	96	50	30.00	130	50.00	58	08	13	19	1000		X		X	BOTT	
B. C. OFFSHORE	97	50	41.00	129	8.00	58	08	14	03	195		X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 58-0017A
YEAR:1958 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
B. C. OFFSHORE	141	48	28.00	125	8.00	58	02	20	18	129	153		X	X	BOTT	
B. C. OFFSHORE	143	47	36.00	126	48.00	58	02	22	00	1784	2450		X	X	BOTT	
B. C. OFFSHORE	144	47	31.00	127	34.00	58	02	22	08	1490	2615		X	X	BOTT	
B. C. OFFSHORE	152	48	9.00	125	50.00	58	02	25	18	800	1024		X	X	BOTT	
B. C. OFFSHORE	153	48	10.00	126	32.00	58	02	26	03	1775	2463		X	X	BOTT	
B. C. OFFSHORE	154	48	10.00	127	17.00	58	02	26	16	1763	2560		X	X	BOTT	
B. C. OFFSHORE	155	48	11.00	128	0.00	58	02	26	23	1708	2401		X	X	BOTT	
B. C. OFFSHORE	156	48	34.00	127	57.00	58	02	27	05	1530	2523		X	X	BOTT	
B. C. OFFSHORE	157	49	1.00	127	58.00	58	02	27	12	1766	2468		X	X	BOTT	
B. C. OFFSHORE	158	48	52.00	127	16.00	58	02	27	19	1773	2057		X	X	BOTT	
B. C. OFFSHORE	159	48	44.00	126	34.00	58	02	28	01	494	602		X	X	BOTT	
B. C. OFFSHORE	160	48	39.00	125	51.00	58	02	28	04	60	71		X	X	BOTT	
B. C. OFFSHORE	161	48	28.00	125	7.00	58	02	28	09	130	162		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 58-0017B
YEAR:1958 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	162	48	9.00	125	48.00	58	04	16	21	974	1097		X	X	BOTT		
B. C. OFFSHORE	163	48	11.00	125	54.00	58	04	17	04	118	732		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0018
YEAR:1958 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	42.00	127	43.00	58	07	02	09	1462	2542	X		X	BOTT		
B. C. OFFSHORE	2	48	50.00	130	19.00	58	07	03	10	1446	2670	X		X	BOTT		
B. C. OFFSHORE	3	48	59.00	132	56.00	58	07	04	11	1469	3182	X		X	BOTT		
B. C. OFFSHORE	38	48	25.00	130	9.00	58	08	18	20	1464	2012	X		X	BOTT		
B. C. OFFSHORE	39	48	28.00	127	33.00	58	08	19	12	1465	2566	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0019
YEAR:1958 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	4	49	26.00	128	10.00	58	09	22	18	1780	2350	X		X	BOTT		
B. C. OFFSHORE	5	50	2.00	132	22.00	58	09	23	22	1778	3191	X		X	BOTT		
B. C. OFFSHORE	11	47	59.00	130	8.00	58	10	01	00	1771	2580	X		X	BOTT		
B. C. OFFSHORE	12	47	55.00	126	45.00	58	10	01	23	1770	2286	X		X	BOTT		
B. C. OFFSHORE	13	48	10.00	125	48.00	58	10	02	06	560	732	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0021
YEAR:1958 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	5.00	126	24.00	58	05	17	02	283		X		X	BOTT		
B. C. OFFSHORE	2	48	10.00	126	32.00	58	05	17	14	297		X		X	BOTT		
B. C. OFFSHORE	3	48	10.20	126	32.70	58	05	00	00			X		X	BOTT		
B. C. OFFSHORE	4	48	13.20	126	35.40	58	05	18	14	300		X		X	BOTT		
B. C. OFFSHORE	5	48	13.90	126	37.70	58	05	19	02	500		X		X	BOTT		
B. C. OFFSHORE	6	48	12.60	126	31.60	58	05	19	14	293		X		X	BOTT		
B. C. OFFSHORE	7	48	11.00	126	33.00	58	05	20	02	1007		X		X	BOTT		
B. C. OFFSHORE	8	48	11.40	126	32.30	58	05	20	14	300		X		X	BOTT		
B. C. OFFSHORE	9	48	11.20	126	32.40	58	05	21	02	297		X		X	BOTT		
B. C. OFFSHORE	10	48	10.60	126	32.10	58	05	21	14	300		X		X	BOTT		
B. C. OFFSHORE	11	48	10.20	126	31.30	58	05	22	02	887		X		X	BOTT		
B. C. OFFSHORE	12	48	9.00	126	30.30	58	05	22	14	300		X		X	BOTT		
B. C. OFFSHORE	13	48	10.30	126	33.20	58	05	23	02	335		X		X	BOTT		
B. C. OFFSHORE	14	48	11.20	126	32.50	58	05	23	14	350		X		X	BOTT		

B. C. OFFSHORE	15	48	10.80	126	32.00	58	05	24	02	1000		X		X	BOTT		
B. C. OFFSHORE	16	48	11.30	126	31.00	58	05	24	14	344		X		X	BOTT		
B. C. OFFSHORE	17	48	9.10	126	27.90	58	05	25	02	350		X		X	BOTT		
B. C. OFFSHORE	18	48	11.20	126	30.90	58	05	25	14	356		X		X	BOTT		
B. C. OFFSHORE	19	48	11.50	126	34.70	58	05	26	02	870		X		X	BOTT		
B. C. OFFSHORE	20	48	11.00	126	31.00	58	05	26	14	350		X		X	BOTT		
B. C. OFFSHORE	21	48	11.60	126	31.30	58	05	27	02	350		X		X	BOTT		
B. C. OFFSHORE	22	48	10.90	126	33.20	58	05	27	14	350		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0022
YEAR:1958 VESSEL/AGENCY: REQUISITE(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	1	48	0.00	127	0.00	58	01	27	15	1037	2045	X		X	BOTT		
B. C. OFFSHORE	2	48	0.00	126	0.00	58	02	20	10	1150	1317	X		X	BOTT		
B. C. OFFSHORE	3	48	0.00	131	0.00	58	02	22	05	2344	3000	X		X	BOTT		
B. C. OFFSHORE	4	48	0.00	127	0.00	58	02	25	03	1520	2103	X		X	BOTT		
B. C. OFFSHORE	5	48	0.00	127	0.00	58	02	25	08	1948	2560	X		X	BOTT		
B. C. OFFSHORE	6	48	0.00	128	0.00	58	02	25	15	1802	2560	X		X	BOTT		
B. C. OFFSHORE	7	48	0.00	128	0.00	58	02	25	24	2284	2469	X		X	BOTT		
B. C. OFFSHORE	8	48	0.00	129	0.00	58	02	26	07	2415	2752	X		X	BOTT		
B. C. OFFSHORE	9	48	0.00	130	0.00	58	02	26	15	2192	2816	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0023
YEAR:1958 VESSEL/AGENCY: REQUISITE(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	1	48	0.00	127	0.00	58	08	03	05	2000	2049	X		X	BOTT		
B. C. OFFSHORE	2	48	0.00	127	0.00	58	08	03	14	1956	2043	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0024
YEAR:1958 VESSEL/AGENCY: TERITU(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	183	52	0.00	131	35.00	58	08	29	20	521		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0025
YEAR:1958 VESSEL/AGENCY: PIONEER(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	103	49	0.00	130	40.00	58	08	29	21	515		X		X	BOTT		
B. C. OFFSHORE	104	48	52.00	129	10.00	58	08	30	06	489		X		X	BOTT		
B. C. OFFSHORE	105	48	45.00	127	50.00	58	08	30	14	518		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0026
YEAR:1958 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	4	48	22.00	132	0.00	58	09	05	17	3025	2852	X		X	BOTT		
B. C. OFFSHORE	5	48	14.00	131	44.00	58	09	07	21	2930		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0027
YEAR:1958 VESSEL/AGENCY: OS.-WH.,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	2	53	29.50	135	26.00	58	09	27	10	995	1280	X		X	BOTT		
B. C. OFFSHORE	6	54	4.00	134	22.00	58	09	29	04	2498	2756	X		X	BOTT		
B. C. OFFSHORE	7	53	57.00	134	34.00	58	09	29	07	2525	2788	X		X	BOTT		
B. C. OFFSHORE	8	53	42.00	135	0.00	58	09	29	11	2519	2679	X		X	BOTT		
B. C. OFFSHORE	3	53	35.30	135	14.50	58	09	27	12	200	2834	X		X	BOTT		
B. C. OFFSHORE	4	53	42.20	135	2.50	58	09	27	16	807	2560	X		X	BOTT		
B. C. OFFSHORE	1	53	43.80	133	52.60	58	09	26	06	1196		X		X	BOTT		
B. C. OFFSHORE	5	53	50.00	134	47.60	58	09	27	20	2017	2734	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0028
YEAR:1958 VESSEL/AGENCY: VITYAZ(USSR)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	55	49	27.00	128	53.00	58	11	13	19	2391	2405	X		X	BOTT		
B. C. OFFSHORE	56	49	31.00	128	42.00	58	11	21	20	1930	2795	X		X	BOTT		
B. C. OFFSHORE	57	49	33.00	131	25.00	58	11	22	07	2104	3016	X		X	BOTT		
B. C. OFFSHORE	58	49	36.00	133	57.00	58	11	23	06	3250	3481	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0011A
YEAR:1959 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	40	48	24.00	124	47.80	59	06	11	05	165	201	X		X	BOTT		
B. C. OFFSHORE	51	47	3.00	128	7.00	59	06	14	04	1495		X		X	BOTT		
B. C. OFFSHORE	52	47	45.00	127	10.00	59	06	14	10	1070	2615	X		X	BOTT		
B. C. OFFSHORE	53	48	26.50	126	13.00	59	06	14	16	545	585	X		X	BOTT		
B. C. OFFSHORE	54	48	35.00	126	2.00	59	06	14	18	100	106	X		X	BOTT		
B. C. OFFSHORE	55	48	42.00	125	52.00	59	06	14	19	50	64	X		X	BOTT		
B. C. OFFSHORE	56	48	54.20	125	33.70	59	06	14	21	90	91	X		X	BOTT		
B. C. OFFSHORE	57	48	54.20	125	33.70	59	06	14	23	94	91	X		X	BOTT		
B. C. OFFSHORE	58	48	54.20	125	33.70	59	06	15	01	94	91	X		X	BOTT		
B. C. OFFSHORE	59	48	54.20	125	33.70	59	06	15	03	90	91	X		X	BOTT		
B. C. OFFSHORE	60	48	54.20	125	33.70	59	06	15	05	89	91	X		X	BOTT		
B. C. OFFSHORE	61	48	54.20	125	33.70	59	06	15	07	90	91	X		X	BOTT		

B. C. OFFSHORE	62	48	54.20	125	33.70	59	06	15	09	90	91	X		X	BOTT	
B. C. OFFSHORE	63	48	54.20	125	33.70	59	06	15	11	90	91	X		X	BOTT	
B. C. OFFSHORE	64	48	54.20	125	33.70	59	06	15	13	90	91	X		X	BOTT	
B. C. OFFSHORE	65	48	54.20	125	33.70	59	06	15	15	90	91	X		X	BOTT	
B. C. OFFSHORE	66	48	54.20	125	33.70	59	06	15	17	90	91	X		X	BOTT	
B. C. OFFSHORE	67	48	54.20	125	33.70	59	06	15	19	90	91	X		X	BOTT	
B. C. OFFSHORE	68	48	54.20	125	33.70	59	06	15	21	90	91	X		X	BOTT	
B. C. OFFSHORE	69	48	54.20	125	33.70	59	06	15	23	89	91	X		X	BOTT	
B. C. OFFSHORE	70	48	54.20	125	33.70	59	06	16	01	90	91	X		X	BOTT	
B. C. OFFSHORE	71	48	42.80	125	6.00	59	06	16	03	29	43	X		X	BOTT	
B. C. OFFSHORE	72	48	36.70	125	6.70	59	06	16	04	73	87	X		X	BOTT	
B. C. OFFSHORE	73	48	29.70	125	5.80	59	06	16	05	124	142	X		X	BOTT	
B. C. OFFSHORE	74	48	25.80	124	57.00	59	06	16	06	247	256	X		X	BOTT	
B. C. OFFSHORE	75	49	3.00	126	47.20	59	06	18	04	229	241	X		X	BOTT	
B. C. OFFSHORE	76	50	6.00	127	57.40	59	06	18	10	50	65	X		X	BOTT	
B. C. OFFSHORE	77	50	2.00	128	2.00	59	06	18	12	400	548	X		X	BOTT	
B. C. OFFSHORE	78	49	45.00	128	28.50	59	06	18	15	1500	2194	X		X	BOTT	
B. C. OFFSHORE	79	49	4.00	129	29.00	59	06	18	21	1500	2377	X		X	BOTT	
B. C. OFFSHORE	80	48	23.50	130	23.00	59	06	19	04	1478	2743	X		X	BOTT	
B. C. OFFSHORE	86	50	21.00	135	40.00	59	06	21	00	1496		X		X	BOTT	
B. C. OFFSHORE	87	50	50.00	134	21.00	59	06	21	05	1462		X		X	BOTT	
B. C. OFFSHORE	88	51	14.00	133	4.00	59	06	21	11	1483	3657	X		X	BOTT	
B. C. OFFSHORE	89	51	47.00	131	47.00	59	06	21	17	1473	2194	X		X	BOTT	
B. C. OFFSHORE	90	51	54.80	131	17.30	59	06	21	19	1497	1828	X		X	BOTT	
B. C. OFFSHORE	91	51	54.80	131	3.60	59	06	21	22	149	193	X		X	BOTT	
B. C. OFFSHORE	95	51	33.00	130	17.50	59	06	22	04	900	969	X		X	BOTT	
B. C. OFFSHORE	96	51	3.00	129	32.00	59	06	22	08	397	493	X		X	BOTT	
B. C. OFFSHORE	97	50	55.00	129	15.60	59	06	22	10	75	87	X		X	BOTT	
B. C. OFFSHORE	98	50	48.50	128	59.40	59	06	22	11	75	89	X		X	BOTT	
B. C. OFFSHORE	99	50	45.00	128	44.70	59	06	22	12	60	80	X		X	BOTT	
B. C. OFFSHORE	157	54	18.00	133	3.50	59	06	27	14	416	460	X		X	BOTT	
B. C. OFFSHORE	158	54	28.50	133	3.50	59	06	27	15	59	113	X		X	BOTT	
B. C. OFFSHORE	167	54	2.00	135	1.00	59	06	28	17	1455		X		X	BOTT	
B. C. OFFSHORE	168	53	58.20	134	0.00	59	06	28	21	1500	2743	X		X	BOTT	
B. C. OFFSHORE	169	53	59.50	133	37.00	59	06	29	00	421	438	X		X	BOTT	
B. C. OFFSHORE	170	54	0.00	133	15.00	59	06	29	01	40	51	X		X	BOTT	
B. C. OFFSHORE	171	53	18.00	132	51.00	59	06	29	04	199	237	X		X	BOTT	
B. C. OFFSHORE	172	53	15.20	133	2.00	59	06	29	05	490	594	X		X	BOTT	
B. C. OFFSHORE	173	53	10.80	133	19.00	59	06	29	07	1400		X		X	BOTT	
B. C. OFFSHORE	174	51	33.00	130	18.00	59	06	29	19	738	932	X		X	BOTT	
B. C. OFFSHORE	175	51	3.00	129	31.00	59	06	29	22	348	431	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 59-0011B
YEAR:1959 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	41	48	42.00	125	6.00	59	11	19	17	39	43	X		X	BOTT	
B. C. OFFSHORE	42	48	36.00	125	7.00	59	11	19	18	89	91	X		X	BOTT	
B. C. OFFSHORE	43	48	31.00	125	3.00	59	11	19	19	88	98	X		X	BOTT	
B. C. OFFSHORE	44	48	26.00	124	57.00	59	11	19	20	150	215	X		X	BOTT	
B. C. OFFSHORE	45	48	24.00	124	47.00	59	11	19	21	175	173	X		X	BOTT	
B. C. OFFSHORE	54	48	25.00	125	33.00	59	11	27	05	116	128	X		X	BOTT	
B. C. OFFSHORE	55	48	24.00	126	14.00	59	11	27	07	600	914	X		X	BOTT	
B. C. OFFSHORE	56	48	33.00	126	2.00	59	11	27	10	100	122	X		X	BOTT	
B. C. OFFSHORE	57	48	43.00	125	49.00	59	11	27	12	50		X		X	BOTT	
B. C. OFFSHORE	58	48	54.00	125	34.00	59	11	27	14	75		X		X	BOTT	
B. C. OFFSHORE	59	48	43.00	125	50.00	59	11	27	16	69	82	X		X	BOTT	
B. C. OFFSHORE	60	48	34.00	126	3.00	59	11	27	17	99	118	X		X	BOTT	
B. C. OFFSHORE	61	48	22.00	126	13.00	59	11	27	19	727	749	X		X	BOTT	
B. C. OFFSHORE	62	49	7.00	126	55.00	59	11	28	00	325	347	X		X	BOTT	
B. C. OFFSHORE	63	50	5.00	127	58.00	59	11	28	06	121	138	X		X	BOTT	
B. C. OFFSHORE	64	50	3.00	128	2.00	59	11	28	07	879	914	X		X	BOTT	
B. C. OFFSHORE	65	49	55.00	128	14.00	59	11	28	09	996	2048	X		X	BOTT	
B. C. OFFSHORE	66	49	47.00	128	25.00	59	11	28	13	1000		X		X	BOTT	
B. C. OFFSHORE	67	50	32.00	129	45.00	59	11	28	18	965	2103	X		X	BOTT	
B. C. OFFSHORE	68	50	56.00	130	57.00	59	11	28	23	300	2468	X		X	BOTT	
B. C. OFFSHORE	69	53	18.00	132	50.00	59	12	02	18	200	201	X		X	BOTT	
B. C. OFFSHORE	70	53	15.00	133	2.00	59	12	02	19	365	457	X		X	BOTT	
B. C. OFFSHORE	71	53	7.00	133	13.00	59	12	02	21	966	2286	X		X	BOTT	
B. C. OFFSHORE	72	54	0.00	134	0.00	59	12	03	03	732	1097	X		X	BOTT	
B. C. OFFSHORE	73	54	3.00	133	27.00	59	12	03	05	146	164	X		X	BOTT	
B. C. OFFSHORE	74	54	18.00	133	0.00	59	12	03	08	387		X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 59-0011C
YEAR:1959 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	15	48	42.00	125	5.60	59	04	02	10	30	36	X		X	BOTT		
B. C. OFFSHORE	16	48	36.70	125	6.20	59	04	02	11	85	91	X		X	BOTT		
B. C. OFFSHORE	17	48	29.20	125	6.80	59	04	02	13	125	131	X		X	BOTT		
B. C. OFFSHORE	18	48	24.00	124	52.60	59	04	02	16	267	274	X		X	BOTT		
B. C. OFFSHORE	29	47	3.20	128	7.50	59	04	06	19	906		X		X	BOTT		
B. C. OFFSHORE	30	47	45.50	127	12.00	59	04	07	02	500		X		X	BOTT		
B. C. OFFSHORE	31	48	53.80	125	34.40	59	04	09	02	82	91	X		X	BOTT		
B. C. OFFSHORE	32	48	43.90	125	48.00	59	04	09	04	86	98	X		X	BOTT		
B. C. OFFSHORE	33	48	35.50	126	2.00	59	04	09	06	96	109	X		X	BOTT		
B. C. OFFSHORE	34	48	28.00	126	15.00	59	04	09	08	510	603	X		X	BOTT		
B. C. OFFSHORE	35	49	3.00	126	49.00	59	04	09	12	210	226	X		X	BOTT		
B. C. OFFSHORE	36	50	6.00	127	57.90	59	04	09	19	70	73	X		X	BOTT		
B. C. OFFSHORE	37	50	2.80	128	3.00	59	04	09	20	444	502	X		X	BOTT		
B. C. OFFSHORE	38	49	54.20	128	14.40	59	04	09	22	1192	1371	X		X	BOTT		
B. C. OFFSHORE	39	49	44.20	128	26.00	59	04	10	00	1195	1463	X		X	BOTT		
B. C. OFFSHORE	40	49	7.00	129	24.00	59	04	10	06	1477	2286	X		X	BOTT		
B. C. OFFSHORE	41	48	23.00	130	23.00	59	04	10	13	1486	2926	X		X	BOTT		
B. C. OFFSHORE	45	50	24.00	135	34.00	59	04	11	23	3191	3383	X		X	BOTT		
B. C. OFFSHORE	46	50	50.00	134	19.00	59	04	12	03	1503	3200	X		X	BOTT		
B. C. OFFSHORE	47	51	17.00	133	0.00	59	04	12	09	1479	2834	X		X	BOTT		
B. C. OFFSHORE	48	51	42.00	131	48.00	59	04	12	15	1465	2194	X		X	BOTT		
B. C. OFFSHORE	49	51	51.30	131	14.60	59	04	12	18	1493	1645	X		X	BOTT		
B. C. OFFSHORE	50	51	55.40	131	3.30	59	04	12	20	174	201	X		X	BOTT		
B. C. OFFSHORE	51	51	33.50	130	17.50	59	04	13	02	858	950	X		X	BOTT		
B. C. OFFSHORE	52	51	1.00	129	32.50	59	04	13	06	164	329	X		X	BOTT		
B. C. OFFSHORE	53	50	55.50	129	15.30	59	04	13	07	79	109	X		X	BOTT		
B. C. OFFSHORE	54	50	48.50	129	0.00	59	04	13	09	88	91	X		X	BOTT		
B. C. OFFSHORE	55	50	44.70	128	44.50	59	04	13	10	86	91	X		X	BOTT		
B. C. OFFSHORE	109	54	18.40	133	3.30	59	04	19	09	436	448	X		X	BOTT		
B. C. OFFSHORE	110	54	28.40	133	3.30	59	04	19	11	65	73	X		X	BOTT		
B. C. OFFSHORE	119	54	0.00	135	1.50	59	04	20	13	1480		X		X	BOTT		
B. C. OFFSHORE	120	53	59.00	134	3.00	59	04	20	17	1205	1463	X		X	BOTT		
B. C. OFFSHORE	121	53	58.50	133	37.00	59	04	20	20	337	1463	X		X	BOTT		
B. C. OFFSHORE	122	53	59.80	133	15.00	59	04	20	21	40	45	X		X	BOTT		
B. C. OFFSHORE	123	53	18.20	132	50.20	59	04	21	01	188	210	X		X	BOTT		
B. C. OFFSHORE	124	53	15.40	133	1.80	59	04	21	02	493	512	X		X	BOTT		
B. C. OFFSHORE	125	53	10.00	133	18.00	59	04	21	03	1488	2194	X		X	BOTT		
B. C. OFFSHORE	128	51	33.00	130	17.00	59	04	21	18	313	336	X		X	BOTT		
B. C. OFFSHORE	129	51	3.00	129	32.00	59	04	21	22	425	457	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0018
YEAR:1959 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	31.00	125	30.00	59	01	20	03	95	118	X		X	BOTT		
B. C. OFFSHORE	2	48	34.00	126	0.00	59	01	20	06	136	164	X		X	BOTT		
B. C. OFFSHORE	3	48	35.00	126	35.00	59	01	20	10	1112	1371	X		X	BOTT		
B. C. OFFSHORE	4	48	41.00	127	59.00	59	01	20	18	1390	2523	X		X	BOTT		
B. C. OFFSHORE	5	48	44.00	129	37.00	59	01	21	03	1468	2688	X		X	BOTT		
B. C. OFFSHORE	6	48	50.00	131	20.00	59	01	21	12	1475	2926	X		X	BOTT		
B. C. OFFSHORE	7	48	56.00	133	20.00	59	01	22	00	1464	3291	X		X	BOTT		
B. C. OFFSHORE	9	49	40.00	132	40.00	59	01	22	21	1160	3090	X		X	BOTT		
B. C. OFFSHORE	10	50	13.00	131	7.00	59	01	23	06	1100	2926	X		X	BOTT		
B. C. OFFSHORE	11	50	40.00	129	48.00	59	01	23	12	1159	2011	X		X	BOTT		
B. C. OFFSHORE	12	50	50.00	129	33.00	59	01	23	16	273	343	X		X	BOTT		
B. C. OFFSHORE	13	51	21.00	130	27.00	59	01	23	22	380		X		X	BOTT		
B. C. OFFSHORE	14	52	0.00	131	18.00	59	01	24	03	278		X		X	BOTT		
B. C. OFFSHORE	15	52	0.00	131	42.00	59	01	24	06	1109	2560	X		X	BOTT		
B. C. OFFSHORE	16	51	58.00	134	4.00	59	01	24	16	1455	2926	X		X	BOTT		
B. C. OFFSHORE	17	52	2.00	136	0.00	59	01	25	01	1350	3566	X		X	BOTT		
B. C. OFFSHORE	25	53	59.00	135	0.00	59	01	28	00	1077	2743	X		X	BOTT		

B. C. OFFSHORE	26	54	12.00	134	8.00	59	01	28	04	1147	2286	X		X	BOTT		
B. C. OFFSHORE	27	54	15.00	133	20.00	59	01	28	08	303	431	X		X	BOTT		
B. C. OFFSHORE	67	47	20.00	129	13.00	59	02	15	08	1465	2651	X		X	BOTT		
B. C. OFFSHORE	68	47	19.00	127	40.00	59	02	15	15	1459	2651	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0019
YEAR:1959 VESSEL/AGENCY: OSHAWA,POC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	49	4.00	126	38.00	59	08	05	03	125	135	X		X	BOTT		
B. C. OFFSHORE	2	49	15.00	127	16.00	59	08	05	07	850	1280	X		X	BOTT		
B. C. OFFSHORE	3	49	25.00	127	55.00	59	08	05	11	489	2926	X		X	BOTT		
B. C. OFFSHORE	4	49	39.00	128	40.00	59	08	05	17	1388		X		X	BOTT		
B. C. OFFSHORE	5	50	0.00	130	0.00	59	08	06	01	1930	2377	X		X	BOTT		
B. C. OFFSHORE	6	50	3.00	132	5.00	59	08	06	12	1864		X		X	BOTT		
B. C. OFFSHORE	7	50	2.00	133	59.00	59	08	06	23	1977	3017	X		X	BOTT		
B. C. OFFSHORE	66	54	14.00	133	26.00	59	08	27	09	373		X		X	BOTT		
B. C. OFFSHORE	67	54	0.00	135	0.00	59	08	28	12	2023		X		X	BOTT		
B. C. OFFSHORE	76	52	1.00	136	0.00	59	08	31	05	2097		X		X	BOTT		
B. C. OFFSHORE	77	52	0.00	134	0.00	59	08	31	11	1991		X		X	BOTT		
B. C. OFFSHORE	78	52	0.00	132	0.00	59	08	31	18	2102		X		X	BOTT		
B. C. OFFSHORE	79	51	31.00	131	5.00	59	08	31	22	1920		X		X	BOTT		
B. C. OFFSHORE	80	50	57.00	130	37.00	59	09	01	03	2005		X		X	BOTT		
B. C. OFFSHORE	81	50	34.00	129	29.00	59	09	01	07	1590		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0023
YEAR:1959 VESSEL/AGENCY: WHITETHROAT,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
VAN.IS.COASTAL	1	48	50.40	125	7.10	59	05	19	16	125	146		X	X	BOTT		
VAN.IS.COASTAL	2	48	57.00	125	1.40	59	05	19	17	150	234		X	X	BOTT		
VAN.IS.COASTAL	3	48	58.80	124	54.90	59	05	19	19	200	220		X	X	BOTT		
VAN.IS.COASTAL	4	49	2.90	124	51.00	59	05	19	20	250	274		X	X	BOTT		
VAN.IS.COASTAL	5	49	7.60	124	49.20	59	05	19	22	100	124		X	X	BOTT		
VAN.IS.COASTAL	6	49	13.00	124	49.50	59	05	20	21	20	27		X	X	BOTT		
VAN.IS.COASTAL	7	49	10.50	124	49.20	59	05	20	21	90	99		X	X	BOTT		
VAN.IS.COASTAL	8	48	55.50	125	9.00	59	05	21	00	75	86		X	X	BOTT		
VAN.IS.COASTAL	9	48	52.80	125	13.60	59	05	21	01	72	86		X	X	BOTT		
VAN.IS.COASTAL	10	49	14.80	125	56.00	59	05	21	20	20	31		X	X	BOTT		
VAN.IS.COASTAL	11	49	14.70	125	49.70	59	05	21	21	72	70		X	X	BOTT		
VAN.IS.COASTAL	12	49	18.20	125	48.80	59	05	21	22	50	64		X	X	BOTT		
VAN.IS.COASTAL	13	49	21.20	125	47.20	59	05	21	23	72	77		X	X	BOTT		
VAN.IS.COASTAL	14	49	13.80	125	45.80	59	05	22	01	130	148		X	X	BOTT		
VAN.IS.COASTAL	15	49	10.00	125	46.80	59	05	22	14	40	57		X	X	BOTT		
VAN.IS.COASTAL	16	49	7.30	125	43.90	59	05	22	14	50	58		X	X	BOTT		
VAN.IS.COASTAL	17	49	9.80	125	40.50	59	05	22	15	70	71		X	X	BOTT		
VAN.IS.COASTAL	18	49	12.00	125	38.70	59	05	22	16	122	126		X	X	BOTT		
VAN.IS.COASTAL	19	49	18.20	126	1.60	59	05	22	21	70	86		X	X	BOTT		
VAN.IS.COASTAL	20	49	20.90	125	57.30	59	05	22	21	100	139		X	X	BOTT		
VAN.IS.COASTAL	21	49	24.10	125	54.50	59	05	22	23	132	137		X	X	BOTT		
VAN.IS.COASTAL	22	49	22.70	126	4.70	59	05	23	18	100	122		X	X	BOTT		
VAN.IS.COASTAL	23	49	24.80	126	7.70	59	05	23	20	140	143		X	X	BOTT		
VAN.IS.COASTAL	24	49	25.80	126	2.90	59	05	23	21	100	139		X	X	BOTT		
VAN.IS.COASTAL	25	49	23.40	126	10.80	59	05	23	22	75	88		X	X	BOTT		
VAN.IS.COASTAL	26	49	24.30	126	14.40	59	05	23	22	50	66		X	X	BOTT		
VAN.IS.COASTAL	27	49	27.10	126	16.20	59	05	23	23	100	95		X	X	BOTT		
VAN.IS.COASTAL	28	49	29.70	126	17.30	59	05	24	00	100	115		X	X	BOTT		
VAN.IS.COASTAL	29	49	21.90	126	14.60	59	05	24	01	30	44		X	X	BOTT		
VAN.IS.COASTAL	30	49	35.80	126	35.70	59	05	24	13	99	115		X	X	BOTT		
VAN.IS.COASTAL	31	49	39.00	126	28.50	59	05	24	15	200	265		X	X	BOTT		
VAN.IS.COASTAL	32	49	38.50	126	20.70	59	05	24	16	250	288		X	X	BOTT		
VAN.IS.COASTAL	33	49	39.00	126	14.50	59	05	24	17	330	366		X	X	BOTT		
VAN.IS.COASTAL	35	49	40.00	126	08.20	59	05	24	18	330	354		X	X	BOTT		

VAN.IS.COASTAL	34	49	37.50	126	03.60	59	05	24	20	100	130		X	X	BOTT
VAN.IS.COASTAL	36	49	39.10	126	35.80	59	05	25	00	130	170		X	X	BOTT
VAN.IS.COASTAL	37	49	42.20	126	36.00	59	05	25	00	71	86		X	X	BOTT
VAN.IS.COASTAL	38	49	54.00	126	39.30	59	05	25	15	150	188		X	X	BOTT
VAN.IS.COASTAL	39	49	44.70	126	37.80	59	05	25	17	75	88		X	X	BOTT
VAN.IS.COASTAL	40	49	47.90	126	39.10	59	05	25	18	100	126		X	X	BOTT
VAN.IS.COASTAL	41	49	51.80	126	39.60	59	05	25	19	180	197		X	X	BOTT
VAN.IS.COASTAL	42	49	5.70	126	44.40	59	05	25	20	200	223		X	X	BOTT
VAN.IS.COASTAL	43	49	52.30	126	50.30	59	05	25	21	217	234		X	X	BOTT
VAN.IS.COASTAL	44	49	55.50	126	47.90	59	05	25	22	200	223		X	X	BOTT
VAN.IS.COASTAL	45	49	58.00	126	51.00	59	05	25	23	75	113		X	X	BOTT
VAN.IS.COASTAL	46	49	48.90	127	0.80	59	05	26	15	25	27		X	X	BOTT
VAN.IS.COASTAL	47	49	51.30	126	55.60	59	05	26	16	200	234		X	X	BOTT
VAN.IS.COASTAL	48	49	56.60	127	17.60	59	05	26	22	75	104		X	X	BOTT
VAN.IS.COASTAL	49	50	0.00	127	12.60	59	05	26	22	180	229		X	X	BOTT
VAN.IS.COASTAL	50	50	3.50	127	14.70	59	05	26	23	199	227		X	X	BOTT
VAN.IS.COASTAL	51	50	5.10	127	10.20	59	05	27	01	190	201		X	X	BOTT
VAN.IS.COASTAL	52	50	7.80	127	5.50	59	05	27	01	100	130		X	X	BOTT
VAN.IS.COASTAL	53	50	4.40	127	47.90	59	05	28	17	40	42		X	X	BOTT
VAN.IS.COASTAL	54	50	25.20	127	59.50	59	05	29	18	125	144		X	X	BOTT
VAN.IS.COASTAL	55	50	28.20	127	54.30	59	05	29	19	189	205		X	X	BOTT
VAN.IS.COASTAL	56	50	28.60	127	48.20	59	05	29	20	150	183		X	X	BOTT
VAN.IS.COASTAL	57	50	30.00	127	42.50	59	05	30	00	100	121		X	X	BOTT
VAN.IS.COASTAL	58	50	31.60	127	37.80	59	05	30	00	75	119		X	X	BOTT
VAN.IS.COASTAL	59	50	33.90	127	32.80	59	05	30	13	150	161		X	X	BOTT
VAN.IS.COASTAL	60	50	35.20	127	36.80	59	05	30	15	100	119		X	X	BOTT
VAN.IS.COASTAL	61	50	35.80	127	43.50	59	05	30	15	75	91		X	X	BOTT
VAN.IS.COASTAL	62	50	38.50	127	58.70	59	05	30	17	50	55		X	X	BOTT
VAN.IS.COASTAL	63	50	37.90	127	55.00	59	05	30	17	45	50		X	X	BOTT
VAN.IS.COASTAL	64	50	36.70	127	49.90	59	05	30	18	45	55		X	X	BOTT
VAN.IS.COASTAL	65	50	35.10	127	28.00	59	05	30	20	104	110		X	X	BOTT
VAN.IS.COASTAL	66	50	21.60	127	26.60	59	05	31	16	47	51		X	X	BOTT
VAN.IS.COASTAL	67	50	24.50	127	49.50	59	05	31	17	120	137		X	X	BOTT
VAN.IS.COASTAL	68	50	27.00	127	31.70	59	05	31	18	180	192		X	X	BOTT
VAN.IS.COASTAL	69	50	29.40	127	34.10	59	05	31	21	200	209		X	X	BOTT
VAN.IS.COASTAL	70	50	30.00	127	42.30	59	05	31	22	100	124		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 59-0024
YEAR:1959 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	48	17.00	126	22.00	59	08	04	08	1500	1920	X		X	BOTT		
B. C. OFFSHORE	2	48	14.00	127	0.00	59	08	04	13	1934	2560	X		X	BOTT		
B. C. OFFSHORE	3	48	6.00	128	28.00	59	08	04	22	1492		X		X	BOTT		
B. C. OFFSHORE	4	48	0.00	129	58.00	59	08	05	07	1948	2468	X		X	BOTT		
B. C. OFFSHORE	50	47	15.00	127	32.00	59	08	29	06	2066	2542	X		X	BOTT		
B. C. OFFSHORE	51	47	45.00	126	27.00	59	08	29	13	2044	2194	X		X	BOTT		
B. C. OFFSHORE	52	48	1.00	125	52.00	59	08	29	18	650	704	X		X	BOTT		
B. C. OFFSHORE	53	48	11.00	125	30.00	59	08	29	21	125	131	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0025
YEAR:1959 VESSEL/AGENCY: A.P.KNIGHT,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
MUCHALAT INLET	M-1	49	35.7	126	34.5	59	08	13	00	73	80	X		X	BOTT		
MUCHALAT INLET	M-2	49	39.4	126	27.9	59	08	13	02	182	190	X		X	BOTT		
MUCHALAT INLET	M-3	49	38.9	126	14.7	59	08	13	05	159	366	X		X	BOTT		
MUCHALAT INLET	M-4	49	40.2	126	07.0	59	08	13	17	274	300	X		X	BOTT		
MUCHALAT INLET	M-5	49	38.3	126	05.0	59	08	13	18	137	157	X		X	BOTT		
ALBERNI INLET	A-10	49	14.2	124	48.9	59	08	14	22	4	13	X		X	BOTT		
ALBERNI INLET	A-11	49	13.9	124	49.1	59	08	14	23	5	18	X		X	BOTT		
ALBERNI INLET	A-12	49	13.7	124	50.0	59	08	15	00	4	13	X		X	BOTT		
ALBERNI INLET	A-13	49	13.1	124	49.7	59	08	15	01	8	27	X		X	BOTT		

ALBERNI INLET	A-14	49	13.2	124	49.1	59	08	15	02	9	31	X		X	BOTT	
ALBERNI INLET	A-9	49	13.8	124	49.5	59	08	15	14	4	13	X		X	BOTT	
ALBERNI INLET	A-8	49	12.6	124	49.2	59	08	15	15	12	39	X		X	BOTT	
ALBERNI INLET	A-7	49	08.5	124	48.1	59	08	15	16	37	121	X		X	BOTT	
ALBERNI INLET	A-6	49	02.2	124	51.2	59	08	15	18	76	263	X		X	BOTT	
ALBERNI INLET	A-5	48	57.7	124	59.8	59	08	15	20	52	176	X		X	BOTT	
ALBERNI INLET	A-4	48	55.0	125	02.6	59	08	15	21	46	154	X		X	BOTT	
ALBERNI INLET	A-3	48	52.7	125	06.5	59	08	15	22	43	143	X		X	BOTT	
ALBERNI INLET	A-2	48	51.0	125	08.6	59	08	15	23	31	104	X		X	BOTT	
ALBERNI INLET	A-1	48	49.2	125	11.3	59	08	16	01	28	29	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 59-0026
YEAR:1959 VESSEL/AGENCY: TORDENSKJOLD,BUREAU FISHERIES

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
B. C. OFFSHORE	167	51	0.00	136	0.00	59	09	02	14	310		X		X	BOTT	
B. C. OFFSHORE	168	51	0.00	134	0.00	59	09	03	00	525		X		X	BOTT	
B. C. OFFSHORE	169	51	1.00	131	55.00	59	09	03	11	220		X		X	BOTT	
B. C. OFFSHORE	170	51	1.00	130	5.00	59	09	03	21	50		X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 59-0027
YEAR:1959 VESSEL/AGENCY: PIONEER,FWS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
B. C. OFFSHORE	86	53	0.00	137	0.00	59	08	27	08	492		X		X	BOTT	
B. C. OFFSHORE	87	53	2.00	134	57.00	59	08	27	18	513		X		X	BOTT	
B. C. OFFSHORE	88	53	0.00	133	30.00	59	08	28	01	497		X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 59-0028
YEAR:1959 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
B. C. OFFSHORE	32	48	29.00	124	45.00	59	06	19	13	238	246	X		X	BOTT	
B. C. OFFSHORE	33	48	32.00	125	15.00	59	06	19	16	100	110	X		X	BOTT	
B. C. OFFSHORE	34	48	29.00	125	43.00	59	06	19	19	89	96	X		X	BOTT	
B. C. OFFSHORE	35	48	31.00	126	13.00	59	06	19	24	427	466	X		X	BOTT	
B. C. OFFSHORE	37	48	30.00	128	11.00	59	06	20	17	1595	2560	X		X	BOTT	
B. C. OFFSHORE	36	48	31.00	126	48.00	59	06	21	05	1664	1938	X		X	BOTT	
B. C. OFFSHORE	38	48	31.00	130	5.00	59	06	21	06	1587	2652	X		X	BOTT	
B. C. OFFSHORE	39	48	31.00	132	4.00	59	06	21	20	1618	3109	X		X	BOTT	
B. C. OFFSHORE	41	47	40.00	130	5.00	59	06	23	03	1599	2780	X		X	BOTT	
B. C. OFFSHORE	42	47	40.00	128	7.00	59	06	23	15	1590	2633	X		X	BOTT	
B. C. OFFSHORE	63	46	44.00	128	42.00	59	06	27	22	1606	2688	X		X	BOTT	
B. C. OFFSHORE	64	47	40.00	128	10.00	59	06	28	10	1404	2651	X		X	BOTT	
B. C. OFFSHORE	65	48	6.00	126	1.00	59	06	29	01	1050	1250	X		X	BOTT	
B. C. OFFSHORE	66	48	5.00	125	46.00	59	06	29	04	537	585	X		X	BOTT	
B. C. OFFSHORE	67	48	5.00	125	30.00	59	06	29	07	136	142	X		X	BOTT	
B. C. OFFSHORE	71	48	18.00	124	59.00	59	06	29	18	246	300	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 59-0029
YEAR:1959 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	72	48	44.00	125	39.00	59	07	16	16	123	150	X		X	BOTT		
B. C. OFFSHORE	73	49	30.00	128	12.00	59	07	17	16	1462	2377	X		X	BOTT		
B. C. OFFSHORE	74	50	40.00	131	57.00	59	07	18	15	1653	2838	X		X	BOTT		
B. C. OFFSHORE	75	51	40.00	135	55.00	59	07	19	15	1604	3566	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0011
YEAR:1960 VESSEL/AGENCY: OSHAWA,POC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	1	48	32.00	124	59.00	60	08	09	00	100	124	X		X	BOTT	
B. C. OFFSHORE	2	48	36.00	125	31.00	60	08	09	03	98	98	X		X	BOTT	
B. C. OFFSHORE	3	48	37.00	125	59.00	60	08	09	06	100	113	X		X	BOTT	
B. C. OFFSHORE	4	48	42.00	126	39.00	60	08	09	09	1182	1280	X		X	BOTT	
B. C. OFFSHORE	5	48	45.00	127	39.00	60	08	09	15	1210	2523	X		X	BOTT	
B. C. OFFSHORE	6	48	51.00	128	40.00	60	08	09	21	2380	2514	X		X	BOTT	
B. C. OFFSHORE	7	48	58.00	130	42.00	60	08	10	07	2000	2194	X		X	BOTT	
B. C. OFFSHORE	8	49	8.00	132	40.00	60	08	10	17	3010	3200	X		X	BOTT	
B. C. OFFSHORE	74	54	0.00	135	0.00	60	08	28	06	1210	2615	X		X	BOTT	
B. C. OFFSHORE	75	54	8.00	134	9.00	60	08	28	11	1159	1911	X		X	BOTT	
B. C. OFFSHORE	76	54	15.00	133	45.00	60	08	28	15	200	234	X		X	BOTT	
B. C. OFFSHORE	77	54	14.00	133	26.00	60	08	28	17	400	420	X		X	BOTT	
B. C. OFFSHORE	78	54	18.00	133	4.00	60	08	28	19	425	457	X		X	BOTT	
B. C. OFFSHORE	94	51	58.00	135	44.00	60	09	04	16	3310	3502	X		X	BOTT	
B. C. OFFSHORE	95	52	0.00	134	0.00	60	09	05	01	1210		X		X	BOTT	
B. C. OFFSHORE	96	52	0.00	132	0.00	60	09	05	16	1197	2377	X		X	BOTT	
B. C. OFFSHORE	97	52	0.00	131	30.00	60	09	05	19	1183	1975	X		X	BOTT	
B. C. OFFSHORE	98	52	0.00	131	12.00	60	09	05	21	115	118	X		X	BOTT	
B. C. OFFSHORE	99	51	45.00	131	0.00	60	09	05	23	1210	1344	X		X	BOTT	
B. C. OFFSHORE	100	51	31.00	130	32.00	60	09	06	03	1210	1536	X		X	BOTT	
B. C. OFFSHORE	101	51	14.00	129	36.00	60	09	06	07	240	265	X		X	BOTT	
B. C. OFFSHORE	103	50	47.00	129	18.00	60	09	06	14	100	128	X		X	BOTT	
B. C. OFFSHORE	104	50	5.00	128	0.00	60	09	06	20	150	181	X		X	BOTT	
B. C. OFFSHORE	105	49	42.00	127	23.00	60	09	06	23	120	135	X		X	BOTT	
B. C. OFFSHORE	106	49	9.00	126	48.00	60	09	07	02	125	146	X		X	BOTT	
B. C. OFFSHORE	107	48	55.00	126	43.00	60	09	07	03	401	475	X		X	BOTT	
B. C. OFFSHORE	108	48	45.00	126	16.00	60	09	07	06	171	192	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 60-0012
YEAR:1960 VESSEL/AGENCY: OSHAWA,POC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	27	54	18.00	133	5.00	60	10	24	07	428	446	X		X	BOTT	
B. C. OFFSHORE	28	53	18.00	132	54.00	60	10	25	17	568	621	X		X	BOTT	
B. C. OFFSHORE	29	51	46.00	130	57.00	60	10	26	04	230	307	X		X	BOTT	
B. C. OFFSHORE	30	51	37.00	130	18.00	60	10	26	07	306	416	X		X	BOTT	
B. C. OFFSHORE	31	51	8.00	129	40.00	60	10	26	11	246	274	X		X	BOTT	
B. C. OFFSHORE	32	50	49.00	129	0.00	60	10	26	14	99	107	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 60-0021
YEAR:1960 VESSEL/AGENCY: MACBLO,POC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
ALBERNI INLET	HI	49	13.72	124	49.47	60	05	12	21	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	60	05	19	15	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	60	06	09	20	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	60	06	23	20	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	60	07	07	19	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	60	07	21	19	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	60	07	28	23	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	60	08	04	18	10	10	X		X	BOTT	

ALBERNI INLET	HI	49	13.72	124	49.47	60	08	11	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	08	18	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	09	01	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	09	08	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	10	06	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	10	20	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	11	03	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	11	11	00	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	11	17	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	11	25	00	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	60	12	08	23	10	10	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0022
YEAR:1960 VESSEL/AGENCY: LAURIER,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
????	1	49	29.00	125	36.60	60	12	12	19	80	81		X	X	BOTT		
TOFINO INLET	2	49	12.00	125	38.70	60	12	12	20	100	110		X	X	BOTT		
TOFINO INLET	3	49	10.50	125	38.80	60	12	12	21	75	82		X	X	BOTT		
TOFINO INLET	4	49	9.80	125	40.50	60	12	12	22	60	62		X	X	BOTT		
TOFINO INLET	5	49	8.70	125	42.10	60	12	12	22	50	59		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0023
YEAR:1960 VESSEL/AGENCY: BEACON HILL,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	52.00	125	30.00	60	01	12	00	40	43	X		X	BOTT		
B. C. OFFSHORE	2	48	48.00	125	45.00	60	01	12	01	46	58	X		X	BOTT		
B. C. OFFSHORE	3	48	42.00	125	55.00	60	01	12	02	72	73	X		X	BOTT		
B. C. OFFSHORE	4	48	35.00	126	10.00	60	01	12	04	192	320	X		X	BOTT		
B. C. OFFSHORE	5	48	30.00	126	20.00	60	01	12	06	588	804	X		X	BOTT		
B. C. OFFSHORE	6	48	19.00	127	0.00	60	01	12	10	1465	2560	X		X	BOTT		
B. C. OFFSHORE	7	48	0.00	128	0.00	60	01	12	17	1860	2651	X		X	BOTT		
B. C. OFFSHORE	8	48	0.00	130	0.00	60	01	13	04	1082	2862	X		X	BOTT		
B. C. OFFSHORE	16	50	0.00	134	0.00	60	01	16	15	2000	3218	X		X	BOTT		
B. C. OFFSHORE	17	50	0.00	132	0.00	60	01	17	00	1000	1920	X		X	BOTT		
B. C. OFFSHORE	18	50	0.00	130	0.00	60	01	17	09	1350	2359	X		X	BOTT		
B. C. OFFSHORE	19	50	8.00	129	20.00	60	01	17	15	789	1828	X		X	BOTT		
B. C. OFFSHORE	20	50	18.00	128	38.00	60	01	17	22	285	1097	X		X	BOTT		
B. C. OFFSHORE	22	51	0.00	129	54.00	60	01	18	05	400	1463	X		X	BOTT		
B. C. OFFSHORE	23	51	19.00	130	29.00	60	01	18	08	370	1463	X		X	BOTT		
B. C. OFFSHORE	24	51	33.00	131	0.00	60	01	18	11	390	1920	X		X	BOTT		
B. C. OFFSHORE	25	52	0.00	131	31.00	60	01	18	14	400	1645	X		X	BOTT		
B. C. OFFSHORE	26	52	0.00	132	0.00	60	01	18	17	784	2377	X		X	BOTT		
B. C. OFFSHORE	27	51	52.00	132	25.00	60	01	18	23	379	2926	X		X	BOTT		
B. C. OFFSHORE	28	52	2.00	134	0.00	60	01	19	04	391	3566	X		X	BOTT		
B. C. OFFSHORE	29	52	0.00	136	0.00	60	01	19	11	1983	3657	X		X	BOTT		
B. C. OFFSHORE	35	54	0.00	135	0.00	60	01	21	12	1959	2523	X		X	BOTT		
B. C. OFFSHORE	36	54	6.00	134	30.00	60	01	21	16	1500	2743	X		X	BOTT		
B. C. OFFSHORE	37	54	10.00	134	0.00	60	01	21	20	1183	2011	X		X	BOTT		
B. C. OFFSHORE	38	54	19.00	133	28.00	60	01	22	00	215	256	X		X	BOTT		
B. C. OFFSHORE	21	50	43.00	129	25.00	60	01	22		300	822	X		X	BOTT		
B. C. OFFSHORE	75	51	59.00	134	37.00	60	02	08	01	765	2926	X		X	BOTT		
B. C. OFFSHORE	76	49	14.00	130	11.00	60	02	09	08	1000	2194	X		X	BOTT		
B. C. OFFSHORE	77	48	53.00	128	30.00	60	02	09	15	976	2377	X		X	BOTT		
B. C. OFFSHORE	78	48	37.00	126	40.00	60	02	09	23	574	1280	X		X	BOTT		
B. C. OFFSHORE	79	48	37.00	126	21.00	60	02	10	02	400	768	X		X	BOTT		
B. C. OFFSHORE	80	48	43.00	125	55.00	60	02	10	05	75	82	X		X	BOTT		
B. C. OFFSHORE	81	48	49.00	125	44.00	60	02	10	06	50	62	X		X	BOTT		
B. C. OFFSHORE	82	48	53.00	125	36.00	60	02	10	07	30	53	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0024
YEAR:1960 VESSEL/AGENCY: WHITETHROAT,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
TOFINO INLET	1	49	7.30	125	43.90	60	09	20	19	60	68		X	X	BOTT	
TOFINO INLET	2	48	8.50	125	42.20	60	09	20	20	60	60		X	X	BOTT	
TOFINO INLET	3	49	9.70	125	40.30	60	09	20	21	60			X	X	BOTT	
TOFINO INLET	4	49	10.60	125	38.40	60	09	20	23	100	99		X	X	BOTT	
TOFINO INLET	5	49	13.10	125	36.00	60	09	21	17	45			X	X	BOTT	
TOFINO INLET	6	49	13.90	125	35.70	60	09	21	20	10			X	X	BOTT	
TOFINO INLET	7	49	12.40	125	36.60	60	09	21	22	85	99		X	X	BOTT	
TOFINO INLET	8	49	12.00	125	38.70	60	09	21	23	110	124		X	X	BOTT	
TOFINO INLET	9	49	10.00	125	46.80	60	09	29	17	40	53		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 60-0025
YEAR:1960 VESSEL/AGENCY: WHITETHROAT,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
TOFINO INLET	26	49	15.00	125	49.60	60	06	05	22	55	64		X	X	BOTT	
TOFINO INLET	27	49	13.90	125	45.80	60	06	06	00	139	143		X	X	BOTT	
TOFINO INLET	28	49	10.00	125	46.80	60	06	06	01	45	51		X	X	BOTT	
TOFINO INLET	29	49	7.30	125	43.90	60	06	06	16	50	64		X	X	BOTT	
TOFINO INLET	30	49	9.70	125	40.50	60	06	06	17	65	70		X	X	BOTT	
TOFINO INLET	31	49	12.00	125	38.70	60	06	06	18	125	128		X	X	BOTT	
TOFINO INLET	32	49	12.40	125	36.60	60	06	06	18	90	97		X	X	BOTT	
TOFINO INLET	33	49	12.00	125	38.70	60	06	06	19	100	128		X	X	BOTT	
TOFINO INLET	34	49	9.70	125	40.50	60	06	06	23	60	70		X	X	BOTT	
TOFINO INLET	35	49	9.70	125	40.50	60	06	07	06	60	70		X	X	BOTT	
TOFINO INLET	36	49	9.70	125	40.50	60	06	07	13	60	70		X	X	BOTT	
TOFINO INLET	37	49	13.10	125	36.00	60	06	07	17	47	48		X	X	BOTT	
TOFINO INLET	38	49	13.70	125	35.80	60	06	07	19	50	53		X	X	BOTT	
TOFINO INLET	39	49	9.70	125	40.50	60	06	07	19	65	71		X	X	BOTT	
TOFINO INLET	40	49	11.70	125	40.40	60	06	07	21	50	56		X	X	BOTT	
TOFINO INLET	41	49	7.50	125	43.40	60	06	08	06	60	65		X	X	BOTT	
TOFINO INLET	42	49	7.50	125	43.40	60	06	08	13	60	65		X	X	BOTT	
TOFINO INLET	43	49	7.50	125	43.40	60	06	08	20	60			X	X	BOTT	
TOFINO INLET	44	49	7.50	125	43.40	60	06	09	01	60			X	X	BOTT	
TOFINO INLET	45	49	7.50	125	43.40	60	06	09	07	60			X	X	BOTT	
TOFINO INLET	46	49	9.70	125	40.40	60	06	09	16	65	65		X	X	BOTT	
TOFINO INLET	47	49	12.00	125	38.60	60	06	09	16	112	124		X	X	BOTT	
TOFINO INLET	48	49	12.40	125	36.60	60	06	09	17	90	100		X	X	BOTT	
TOFINO INLET	49	49	15.00	125	49.60	60	06	09	21	55	64		X	X	BOTT	
TOFINO INLET	50	49	35.90	126	35.50	60	06	10	14	100	110		X	X	BOTT	
TOFINO INLET	51	49	39.00	126	28.60	60	06	10	15	250	256		X	X	BOTT	
TOFINO INLET	52	49	38.50	126	20.80	60	06	10	16	250	283		X	X	BOTT	
TOFINO INLET	53	49	39.00	126	14.50	60	06	10	17	350	366		X	X	BOTT	
TOFINO INLET	54	49	40.00	126	08.50	60	06	10	19	340	350		X	X	BOTT	
TOFINO INLET	55	49	37.60	126	03.70	60	06	10	20	100	131		X	X	BOTT	
TOFINO INLET	56	49	39.80	126	35.80	60	06	11	15	150	165		X	X	BOTT	
TOFINO INLET	57	49	41.60	126	30.90	60	06	11	16	230	250		X	X	BOTT	
TOFINO INLET	58	49	43.30	126	28.30	60	06	11	17	200	201		X	X	BOTT	
TOFINO INLET	59	49	46.80	126	28.00	60	06	11	18	130	146		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 60-0026
YEAR:1960 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	5	48	47.00	125	45.00	60	06	07	06	65	69	X		X	BOTT	
B. C. OFFSHORE	6	48	47.00	125	45.00	60	06	07	08	65	69	X		X	BOTT	
B. C. OFFSHORE	7	48	47.00	125	45.00	60	06	07	10	65	71	X		X	BOTT	
B. C. OFFSHORE	8	48	47.00	125	45.00	60	06	07	12	65	73	X		X	BOTT	
B. C. OFFSHORE	9	48	47.00	125	45.00	60	06	07	14	65	73	X		X	BOTT	
B. C. OFFSHORE	10	48	47.00	125	45.00	60	06	07	16	65	69	X		X	BOTT	
B. C. OFFSHORE	11	48	47.00	125	44.00	60	06	07	18	65	73	X		X	BOTT	
B. C. OFFSHORE	12	48	47.00	125	44.00	60	06	07	20	65	73	X		X	BOTT	
B. C. OFFSHORE	13	48	47.00	125	44.00	60	06	07	22	65	73	X		X	BOTT	
B. C. OFFSHORE	14	48	47.00	125	44.00	60	06	08	00	65	73	X		X	BOTT	
B. C. OFFSHORE	15	48	47.00	125	44.00	60	06	08	02	65	78	X		X	BOTT	
B. C. OFFSHORE	16	48	47.00	125	44.00	60	06	08	04	65	73	X		X	BOTT	
B. C. OFFSHORE	17	48	47.00	125	44.00	60	06	08	06	65	84	X		X	BOTT	
B. C. OFFSHORE	18	48	47.00	125	44.00	60	06	08	08	65	84	X		X	BOTT	
B. C. OFFSHORE	19	48	47.00	125	44.00	60	06	08	10	65	76	X		X	BOTT	
B. C. OFFSHORE	20	48	47.00	125	44.00	60	06	08	12	65	80	X		X	BOTT	
B. C. OFFSHORE	21	48	47.00	125	44.00	60	06	08	14	65	78	X		X	BOTT	
B. C. OFFSHORE	22	48	47.00	125	44.00	60	06	08	16	65	80	X		X	BOTT	
B. C. OFFSHORE	23	48	47.00	125	44.00	60	06	08	18	65	82	X		X	BOTT	
B. C. OFFSHORE	24	48	47.00	125	44.00	60	06	08	20	65	82	X		X	BOTT	
B. C. OFFSHORE	25	48	47.00	125	44.00	60	06	08	22	65	82	X		X	BOTT	
B. C. OFFSHORE	26	48	47.00	125	44.00	60	06	09	00	65	82	X		X	BOTT	
B. C. OFFSHORE	27	48	47.00	125	44.00	60	06	09	02	65	82	X		X	BOTT	
B. C. OFFSHORE	28	48	47.00	125	44.00	60	06	09	04	65	84	X		X	BOTT	
B. C. OFFSHORE	29	48	47.00	125	44.00	60	06	09	06	65		X		X	BOTT	
B. C. OFFSHORE	30	48	42.00	125	55.00	60	06	09	07	53	80	X		X	BOTT	
B. C. OFFSHORE	31	48	40.00	126	0.00	60	06	09	09	87	107	X		X	BOTT	
B. C. OFFSHORE	32	48	38.00	126	5.00	60	06	09	10	68	135	X		X	BOTT	
B. C. OFFSHORE	33	48	33.00	126	15.00	60	06	09	12	480	649	X		X	BOTT	
B. C. OFFSHORE	34	48	30.00	126	20.00	60	06	09	14	485		X		X	BOTT	
B. C. OFFSHORE	35	48	36.00	126	9.00	60	06	09	18	175	199	X		X	BOTT	
B. C. OFFSHORE	36	48	36.00	126	9.00	60	06	09	20	175	197	X		X	BOTT	
B. C. OFFSHORE	37	48	36.00	126	9.00	60	06	09	22	175	197	X		X	BOTT	
B. C. OFFSHORE	38	48	36.00	126	9.00	60	06	10	00	175	197	X		X	BOTT	
B. C. OFFSHORE	39	48	36.00	126	9.00	60	06	10	02	173	197	X		X	BOTT	
B. C. OFFSHORE	40	48	36.00	126	9.00	60	06	10	04	175	197	X		X	BOTT	
B. C. OFFSHORE	41	48	36.00	126	9.00	60	06	10	06	175	193	X		X	BOTT	
B. C. OFFSHORE	42	48	36.00	126	9.00	60	06	10	08	175	199	X		X	BOTT	
B. C. OFFSHORE	43	48	36.00	126	9.00	60	06	10	10	175	190	X		X	BOTT	
B. C. OFFSHORE	44	48	36.00	126	9.00	60	06	10	12	175	195	X		X	BOTT	
B. C. OFFSHORE	45	48	36.00	126	9.00	60	06	10	14	175	190	X		X	BOTT	
B. C. OFFSHORE	46	48	36.00	126	9.00	60	06	10	16	175	197	X		X	BOTT	
B. C. OFFSHORE	47	48	36.00	126	9.00	60	06	10	18	175	195	X		X	BOTT	
B. C. OFFSHORE	48	48	36.00	126	9.00	60	06	10	20	175	199	X		X	BOTT	
B. C. OFFSHORE	49	48	36.00	126	9.00	60	06	10	22	175	201	X		X	BOTT	
B. C. OFFSHORE	50	48	36.00	126	9.00	60	06	11	00	175	197	X		X	BOTT	
B. C. OFFSHORE	51	48	36.00	126	9.00	60	06	11	02	175	197	X		X	BOTT	
B. C. OFFSHORE	52	48	36.00	126	9.00	60	06	11	04	173	201	X		X	BOTT	
B. C. OFFSHORE	53	48	36.00	126	9.00	60	06	11	06	173	197	X		X	BOTT	
B. C. OFFSHORE	54	48	36.00	126	9.00	60	06	11	08	175	197	X		X	BOTT	
B. C. OFFSHORE	55	48	36.00	126	9.00	60	06	11	10	175	197	X		X	BOTT	
B. C. OFFSHORE	56	48	36.00	126	9.00	60	06	11	12	175	193	X		X	BOTT	
B. C. OFFSHORE	57	48	36.00	126	9.00	60	06	11	14	175	197	X		X	BOTT	
B. C. OFFSHORE	58	48	36.00	126	9.00	60	06	11	16	175	197	X		X	BOTT	
B. C. OFFSHORE	59	48	36.00	126	9.00	60	06	11	18	175	197	X		X	BOTT	
B. C. OFFSHORE	60	48	50.00	126	9.00	60	06	11	20	82	117	X		X	BOTT	
B. C. OFFSHORE	61	49	1.00	126	20.00	60	06	11	23	100	124	X		X	BOTT	
B. C. OFFSHORE	62	49	1.00	126	20.00	60	06	12	01	100	124	X		X	BOTT	
B. C. OFFSHORE	63	49	1.00	126	20.00	60	06	12	03	100	124	X		X	BOTT	
B. C. OFFSHORE	64	49	1.00	126	20.00	60	06	12	05	100	124	X		X	BOTT	
B. C. OFFSHORE	65	49	1.00	126	20.00	60	06	12	07	99	124	X		X	BOTT	
B. C. OFFSHORE	66	49	1.00	126	20.00	60	06	12	09	100	124	X		X	BOTT	
B. C. OFFSHORE	67	49	1.00	126	20.00	60	06	12	11	100	124	X		X	BOTT	
B. C. OFFSHORE	68	49	1.00	126	20.00	60	06	12	13	100	124	X		X	BOTT	
B. C. OFFSHORE	69	49	1.00	126	20.00	60	06	12	15	100	124	X		X	BOTT	
B. C. OFFSHORE	70	49	1.00	126	20.00	60	06	12	17	100	120	X		X	BOTT	
B. C. OFFSHORE	71	49	1.00	126	20.00	60	06	12	19	100	124	X		X	BOTT	
B. C. OFFSHORE	72	49	1.00	126	20.00	60	06	12	21	100	124	X		X	BOTT	
B. C. OFFSHORE	73	49	1.00	126	20.00	60	06	12	23	100	124	X		X	BOTT	
B. C. OFFSHORE	74	49	1.00	126	20.00	60	06	13	01	100	124	X		X	BOTT	
B. C. OFFSHORE	75	49	1.00	126	20.00	60	06	13	03	100	124	X		X	BOTT	

B. C. OFFSHORE	76	49	10.00	126	31.00	60	06	13	04	99	117	X		X	BOTT		
B. C. OFFSHORE	77	49	17.00	126	45.00	60	06	13	07	100	117	X		X	BOTT		
B. C. OFFSHORE	78	49	17.00	126	45.00	60	06	13	09	100	120	X		X	BOTT		
B. C. OFFSHORE	79	49	17.00	126	45.00	60	06	13	11	100	120	X		X	BOTT		
B. C. OFFSHORE	80	49	17.00	126	45.00	60	06	13	13	100	120	X		X	BOTT		
B. C. OFFSHORE	81	49	17.00	126	45.00	60	06	13	15	100	120	X		X	BOTT		
B. C. OFFSHORE	82	49	17.00	126	45.00	60	06	13	17	100	118	X		X	BOTT		
B. C. OFFSHORE	83	49	17.00	126	45.00	60	06	13	19	100	118	X		X	BOTT		
B. C. OFFSHORE	84	49	17.00	126	45.00	60	06	13	21	100	120	X		X	BOTT		
B. C. OFFSHORE	85	49	17.00	126	45.00	60	06	13	23	100	120	X		X	BOTT		
B. C. OFFSHORE	86	49	17.00	126	45.00	60	06	14	01	99	120	X		X	BOTT		
B. C. OFFSHORE	87	49	17.00	126	45.00	60	06	14	03	100	120	X		X	BOTT		
B. C. OFFSHORE	88	49	17.00	126	45.00	60	06	14	05	100	120	X		X	BOTT		
B. C. OFFSHORE	89	49	17.00	126	45.00	60	06	14	07	100	120	X		X	BOTT		
B. C. OFFSHORE	90	49	17.00	126	45.00	60	06	14	09	100	120	X		X	BOTT		
B. C. OFFSHORE	91	49	17.00	126	45.00	60	06	14	11	100	120	X		X	BOTT		
B. C. OFFSHORE	92	49	17.00	126	45.00	60	06	14	13	100	120	X		X	BOTT		
B. C. OFFSHORE	93	49	17.00	126	45.00	60	06	14	15	100	120	X		X	BOTT		
B. C. OFFSHORE	94	49	17.00	126	45.00	60	06	14	17	100	117	X		X	BOTT		
B. C. OFFSHORE	95	49	17.00	126	45.00	60	06	14	19	100	117	X		X	BOTT		
B. C. OFFSHORE	96	49	17.00	126	45.00	60	06	14	21	100	117	X		X	BOTT		
B. C. OFFSHORE	97	49	17.00	126	45.00	60	06	14	22	100	117	X		X	BOTT		
B. C. OFFSHORE	98	49	17.00	126	45.00	60	06	15	01	99	120	X		X	BOTT		
B. C. OFFSHORE	99	49	17.00	126	45.00	60	06	15	03	100	120	X		X	BOTT		
B. C. OFFSHORE	100	49	17.00	126	45.00	60	06	15	05	100	120	X		X	BOTT		
B. C. OFFSHORE	101	49	17.00	126	45.00	60	06	15	07	100	120	X		X	BOTT		
B. C. OFFSHORE	102	49	21.00	126	39.00	60	06	15	08	35	45	X		X	BOTT		
B. C. OFFSHORE	103	49	15.00	126	50.00	60	06	15	09	124	137	X		X	BOTT		
B. C. OFFSHORE	104	49	13.00	126	53.00	60	06	15	10	148	175	X		X	BOTT		
B. C. OFFSHORE	105	49	11.00	127	0.00	60	06	15	11	143		X		X	BOTT		
B. C. OFFSHORE	106	49	7.00	127	5.00	60	06	15	13	480		X		X	BOTT		
B. C. OFFSHORE	107	49	10.00	127	1.00	60	06	15	15	295	301	X		X	BOTT		
B. C. OFFSHORE	108	49	10.00	127	1.00	60	06	15	17	250	296	X		X	BOTT		
B. C. OFFSHORE	109	49	10.00	127	1.00	60	06	15	19	275	288	X		X	BOTT		
B. C. OFFSHORE	110	49	10.00	127	1.00	60	06	15	21	275	285	X		X	BOTT		
B. C. OFFSHORE	111	49	10.00	127	1.00	60	06	15	23	275	285	X		X	BOTT		
B. C. OFFSHORE	112	49	10.00	127	1.00	60	06	16	01	275	292	X		X	BOTT		
B. C. OFFSHORE	113	49	10.00	127	1.00	60	06	16	03	275	296	X		X	BOTT		
B. C. OFFSHORE	114	49	10.00	127	1.00	60	06	16	05	275	296	X		X	BOTT		
B. C. OFFSHORE	115	49	10.00	127	1.00	60	06	16	07	275	285	X		X	BOTT		
B. C. OFFSHORE	116	49	10.00	127	1.00	60	06	16	09	275	285	X		X	BOTT		
B. C. OFFSHORE	117	49	10.00	127	1.00	60	06	16	11	275		X		X	BOTT		
B. C. OFFSHORE	118	49	10.00	127	1.00	60	06	16	13	275	292	X		X	BOTT		
B. C. OFFSHORE	119	49	10.00	127	1.00	60	06	16	15	275	294	X		X	BOTT		
B. C. OFFSHORE	120	49	10.00	127	1.00	60	06	16	17	275	303	X		X	BOTT		
B. C. OFFSHORE	121	49	10.00	127	1.00	60	06	16	19	275	299	X		X	BOTT		
B. C. OFFSHORE	122	49	10.00	127	1.00	60	06	16	21	275	307	X		X	BOTT		
B. C. OFFSHORE	123	48	49.00	126	42.00	60	06	16	23	400		X		X	BOTT		
B. C. OFFSHORE	124	48	30.00	126	20.00	60	06	17	02	386		X		X	BOTT		
B. C. OFFSHORE	125	48	32.00	126	15.00	60	06	17	02	368	640	X		X	BOTT		
B. C. OFFSHORE	126	48	35.00	126	10.00	60	06	17	03	300	358	X		X	BOTT		
B. C. OFFSHORE	127	48	38.00	126	5.00	60	06	17	04	99	137	X		X	BOTT		
B. C. OFFSHORE	128	48	40.00	126	0.00	60	06	17	05	75	106	X		X	BOTT		
B. C. OFFSHORE	129	48	42.00	125	55.00	60	06	17	05	49	73	X		X	BOTT		
B. C. OFFSHORE	130	48	47.00	125	44.00	60	06	17	06	60	73	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0027
YEAR:1960 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	53.00	125	35.00	60	11	27	12	34	47	X		X	BOTT		
B. C. OFFSHORE	2	48	48.00	125	45.00	60	11	27	13	50	62	X		X	BOTT		
B. C. OFFSHORE	3	48	48.00	125	45.00	60	11	27	15	50	62	X		X	BOTT		
B. C. OFFSHORE	4	48	48.00	125	45.00	60	11	27	17	60	62	X		X	BOTT		
B. C. OFFSHORE	5	48	48.00	125	45.00	60	11	27	19	50	62	X		X	BOTT		
B. C. OFFSHORE	6	48	48.00	125	45.00	60	11	27	21	50	62	X		X	BOTT		
B. C. OFFSHORE	7	48	48.00	125	45.00	60	11	27	23	50	62	X		X	BOTT		
B. C. OFFSHORE	8	48	48.00	125	45.00	60	11	28	01	40	62	X		X	BOTT		
B. C. OFFSHORE	9	48	48.00	125	46.00	60	11	28	03	50	62	X		X	BOTT		
B. C. OFFSHORE	10	48	48.00	125	47.00	60	11	28	05	50	58	X		X	BOTT		
B. C. OFFSHORE	11	48	48.00	125	47.00	60	11	28	07	50	58	X		X	BOTT		
B. C. OFFSHORE	12	48	48.00	125	48.00	60	11	28	09	50	58	X		X	BOTT		
B. C. OFFSHORE	13	48	48.00	125	49.00	60	11	28	11	45	56	X		X	BOTT		

B. C. OFFSHORE	14	48	48.00	125	49.00	60	11	28	13	50	56	X		X	BOTT
B. C. OFFSHORE	15	48	48.00	125	50.00	60	11	28	15	50	56	X		X	BOTT
B. C. OFFSHORE	16	48	50.00	125	51.00	60	11	28	16	50	62	X		X	BOTT
B. C. OFFSHORE	17	48	47.00	125	46.00	60	12	01	17	50	58	X		X	BOTT
B. C. OFFSHORE	18	48	43.00	125	55.00	60	12	01	18	63	80	X		X	BOTT
B. C. OFFSHORE	19	48	42.00	126	0.00	60	12	01	19	90	102	X		X	BOTT
B. C. OFFSHORE	20	48	38.00	126	5.00	60	12	01	20	125	142	X		X	BOTT
B. C. OFFSHORE	21	48	35.00	126	10.00	60	12	01	21	175		X		X	BOTT
B. C. OFFSHORE	22	48	33.00	126	15.00	60	12	01	22	487		X		X	BOTT
B. C. OFFSHORE	23	48	30.00	126	20.00	60	12	01	23	695		X		X	BOTT
B. C. OFFSHORE	24	48	25.00	126	30.00	60	12	02	01	970		X		X	BOTT
B. C. OFFSHORE	25	48	20.00	126	40.00	60	12	02	03	1182		X		X	BOTT
B. C. OFFSHORE	26	48	35.00	126	36.00	60	12	02	06	1190	1280	X		X	BOTT
B. C. OFFSHORE	27	48	50.00	126	34.00	60	12	02	08	246	274	X		X	BOTT
B. C. OFFSHORE	28	49	5.00	126	33.00	60	12	02	10	125	135	X		X	BOTT
B. C. OFFSHORE	29	49	21.00	126	38.00	60	12	02	11	30	40	X		X	BOTT
B. C. OFFSHORE	30	49	18.00	126	45.00	60	12	02	12	100	118	X		X	BOTT
B. C. OFFSHORE	31	49	13.00	126	55.00	60	12	02	13	147	168	X		X	BOTT
B. C. OFFSHORE	32	49	8.00	127	6.00	60	12	02	14	196	298	X		X	BOTT
B. C. OFFSHORE	33	48	53.00	126	12.00	60	12	02	18	97	117	X		X	BOTT
B. C. OFFSHORE	34	48	43.00	125	55.00	60	12	02	20	50		X		X	BOTT
B. C. OFFSHORE	35	48	38.00	125	12.00	60	12	02	22	79	98	X		X	BOTT
B. C. OFFSHORE	36	48	22.00	124	47.00	60	12	03	00	50	62	X		X	BOTT
B. C. OFFSHORE	62	48	15.00	125	56.00	60	12	07	19	300		X		X	BOTT
B. C. OFFSHORE	63	48	36.00	126	8.00	60	12	07	21	148	168	X		X	BOTT
B. C. OFFSHORE	64	48	36.00	126	8.00	60	12	07	23	150	168	X		X	BOTT
B. C. OFFSHORE	65	48	36.00	126	8.00	60	12	08	01	175	168	X		X	BOTT
B. C. OFFSHORE	66	48	36.00	126	8.00	60	12	08	03	175	179	X		X	BOTT
B. C. OFFSHORE	67	48	36.00	126	9.00	60	12	08	05	175	179	X		X	BOTT
B. C. OFFSHORE	68	48	36.00	126	9.00	60	12	08	07	175	179	X		X	BOTT
B. C. OFFSHORE	69	48	36.00	126	9.00	60	12	08	09	175	179	X		X	BOTT
B. C. OFFSHORE	70	48	36.00	126	9.00	60	12	08	11	175	182	X		X	BOTT
B. C. OFFSHORE	71	48	36.00	126	9.00	60	12	08	13	175	181	X		X	BOTT
B. C. OFFSHORE	72	48	36.00	126	9.00	60	12	08	15	175	181	X		X	BOTT
B. C. OFFSHORE	73	48	36.00	126	9.00	60	12	08	17	175	181	X		X	BOTT
B. C. OFFSHORE	74	48	36.00	126	9.00	60	12	08	19	175	181	X		X	BOTT
B. C. OFFSHORE	75	48	36.00	126	9.00	60	12	08	21	175	182	X		X	BOTT
B. C. OFFSHORE	76	48	36.00	126	9.00	60	12	08	23	175	182	X		X	BOTT
B. C. OFFSHORE	77	48	36.00	126	9.00	60	12	09	01	175	179	X		X	BOTT
B. C. OFFSHORE	78	48	36.00	126	9.00	60	12	09	03	175	179	X		X	BOTT
B. C. OFFSHORE	79	48	36.00	126	9.00	60	12	09	05	175	179	X		X	BOTT
B. C. OFFSHORE	80	48	36.00	126	9.00	60	12	09	07	175	179	X		X	BOTT
B. C. OFFSHORE	81	48	36.00	126	9.00	60	12	09	09	175	171	X		X	BOTT
B. C. OFFSHORE	82	48	36.00	126	9.00	60	12	09	11	175	175	X		X	BOTT
B. C. OFFSHORE	83	48	36.00	126	9.00	60	12	09	13	175	179	X		X	BOTT
B. C. OFFSHORE	84	48	36.00	126	9.00	60	12	09	15	150	179	X		X	BOTT
B. C. OFFSHORE	85	48	36.00	126	9.00	60	12	09	17	150	175	X		X	BOTT
B. C. OFFSHORE	86	48	36.00	126	9.00	60	12	09	18	70	175	X		X	BOTT
B. C. OFFSHORE	87	48	37.00	126	10.00	60	12	09	19	150	193	X		X	BOTT

BOTTLE/CTD DATA SET NUMBER: 60-0028
YEAR:1960 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	7	47	15.00	128	53.00	60	03	23	13	943	2468	X		X	BOTT		
B. C. OFFSHORE	8	47	37.00	127	20.00	60	03	23	22	196		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0029
YEAR:1960 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	11	48	29.20	124	45.80	60	06	11	17	226	260	X		X	BOTT		
B. C. OFFSHORE	12	48	29.00	125	15.00	60	06	11	20	118	144	X		X	BOTT		

B. C. OFFSHORE	13	48	29.00	125	43.00	60	06	12	00	83	113	X		X	BOTT		
B. C. OFFSHORE	14	48	30.00	126	15.00	60	06	12	07	317	634	X		X	BOTT		
B. C. OFFSHORE	15	48	30.00	126	56.00	60	06	12	11	1737	2170	X		X	BOTT		
B. C. OFFSHORE	16	48	29.00	127	52.00	60	06	12	22	1249	2530	X		X	BOTT		
B. C. OFFSHORE	17	48	32.00	128	58.00	60	06	13	07	1735	2944	X		X	BOTT		
B. C. OFFSHORE	18	47	40.00	129	2.00	60	06	13	19	1736	2435	X		X	BOTT		
B. C. OFFSHORE	19	46	43.00	129	0.00	60	06	14	07	1839	2652	X		X	BOTT		
B. C. OFFSHORE	66	48	14.30	125	0.30	60	06	19	21	237	320	X		X	BOTT		
B. C. OFFSHORE	67	48	21.50	124	55.20	60	06	19	23	289	329	X		X	BOTT		
B. C. OFFSHORE	68	48	28.80	124	46.20	60	06	20	01	240	278	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0033
YEAR:1960 VESSEL/AGENCY: KAT,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TOFINO INLET	1	49	12.40	125	36.60	60	03	14	22	95	105	X		X	BOTT		
TOFINO INLET	2	49	9.80	125	40.50	60	03	15	19	71	81	X		X	BOTT		
TOFINO INLET	3	49	12.00	125	38.70	60	03	15	20	128	138	X		X	BOTT		
TOFINO INLET	4	49	7.30	125	43.90	60	03	16	17	51	61	X		X	BOTT		
TOFINO INLET	5	49	8.10	125	47.30	60	03	16	17	32	37	X		X	BOTT		
TOFINO INLET	6	49	10.00	125	46.80	60	03	16	18	41	46	X		X	BOTT		
BARKLEY SOUND	7	49	13.80	125	45.80	60	03	16	19	113	123	X		X	BOTT		
BARKLEY SOUND	8	49	14.70	125	49.70	60	03	16	20	55	65	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0034
YEAR:1960 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	53.00	125	35.00	60	05	04	10	40	45	X		X	BOTT		
B. C. OFFSHORE	2	48	53.00	125	35.00	60	05	04	12	40	45	X		X	BOTT		
B. C. OFFSHORE	3	48	53.00	125	35.00	60	05	04	14	40	45	X		X	BOTT		
B. C. OFFSHORE	4	48	53.00	125	35.00	60	05	04	16	40	45	X		X	BOTT		
B. C. OFFSHORE	5	48	53.00	125	35.00	60	05	04	18	40	45	X		X	BOTT		
B. C. OFFSHORE	6	48	53.00	125	35.00	60	05	04	20	40	45	X		X	BOTT		
B. C. OFFSHORE	7	48	53.00	125	35.00	60	05	04	22	40	45	X		X	BOTT		
B. C. OFFSHORE	8	48	53.00	125	35.00	60	05	05	00	40	45	X		X	BOTT		
B. C. OFFSHORE	9	48	53.00	125	35.00	60	05	05	02	40	45	X		X	BOTT		
B. C. OFFSHORE	10	48	53.00	125	35.00	60	05	05	04	40	45	X		X	BOTT		
B. C. OFFSHORE	11	48	53.00	125	35.00	60	05	05	06	40	45	X		X	BOTT		
B. C. OFFSHORE	12	48	53.00	125	35.00	60	05	05	08	40	45	X		X	BOTT		
B. C. OFFSHORE	13	48	53.00	125	35.00	60	05	05	10	40	45	X		X	BOTT		
B. C. OFFSHORE	14	48	53.00	125	35.00	60	05	05	12	40	45	X		X	BOTT		
B. C. OFFSHORE	15	48	53.00	125	35.00	60	05	05	14	40	45	X		X	BOTT		
B. C. OFFSHORE	16	48	53.00	125	35.00	60	05	05	16	40	45	X		X	BOTT		
B. C. OFFSHORE	17	48	53.00	125	35.00	60	05	05	18	45	45	X		X	BOTT		
B. C. OFFSHORE	18	48	53.00	125	35.00	60	05	05	20	40	45	X		X	BOTT		
B. C. OFFSHORE	19	48	53.00	125	35.00	60	05	05	22	45	45	X		X	BOTT		
B. C. OFFSHORE	20	48	53.00	125	35.00	60	05	06	00	45	45	X		X	BOTT		
B. C. OFFSHORE	21	48	49.00	125	45.00	60	05	06	03	44	54	X		X	BOTT		
B. C. OFFSHORE	22	48	43.00	125	55.00	60	05	06	05	63	73	X		X	BOTT		
B. C. OFFSHORE	23	48	40.00	126	0.00	60	05	06	06	70	95	X		X	BOTT		
B. C. OFFSHORE	24	48	44.00	125	42.00	60	05	06	08	43	201	X		X	BOTT		
B. C. OFFSHORE	25	48	38.00	125	33.00	60	05	06	10	91	109	X		X	BOTT		
B. C. OFFSHORE	26	48	37.00	125	47.00	60	05	06	12	49	65	X		X	BOTT		
B. C. OFFSHORE	27	48	38.00	126	5.00	60	05	06	14	99	118	X		X	BOTT		
B. C. OFFSHORE	28	48	35.00	126	10.00	60	05	06	16	298		X		X	BOTT		
B. C. OFFSHORE	29	48	32.00	126	15.00	60	05	06	17	400	603	X		X	BOTT		
B. C. OFFSHORE	30	48	30.00	126	19.00	60	05	06	18	700	731	X		X	BOTT		
B. C. OFFSHORE	31	48	37.00	126	6.00	60	05	06	21	125	137	X		X	BOTT		
B. C. OFFSHORE	32	48	37.00	126	6.00	60	05	07	00	124	137	X		X	BOTT		
B. C. OFFSHORE	33	48	37.00	126	6.00	60	05	07	02	124	137	X		X	BOTT		
B. C. OFFSHORE	34	48	37.00	126	6.00	60	05	07	04	124	137	X		X	BOTT		
B. C. OFFSHORE	35	48	37.00	126	6.00	60	05	07	06	125	137	X		X	BOTT		

B. C. OFFSHORE	36	48	37.00	126	6.00	60	05	07	08	125	137	X		X	BOTT		
B. C. OFFSHORE	37	48	37.00	126	6.00	60	05	07	10	125	137	X		X	BOTT		
B. C. OFFSHORE	38	48	37.00	126	6.00	60	05	07	12	125	137	X		X	BOTT		
B. C. OFFSHORE	39	48	37.00	126	6.00	60	05	07	14	125	137	X		X	BOTT		
B. C. OFFSHORE	40	48	37.00	126	6.00	60	05	07	16	125	137	X		X	BOTT		
B. C. OFFSHORE	41	48	53.00	126	11.00	60	05	08	19	85	118	X		X	BOTT		
B. C. OFFSHORE	42	49	1.00	126	20.00	60	05	08	20	87	109	X		X	BOTT		
B. C. OFFSHORE	43	49	10.00	126	30.00	60	05	08	22	87	106	X		X	BOTT		
B. C. OFFSHORE	44	49	15.00	126	50.00	60	05	08	23	99	128	X		X	BOTT		
B. C. OFFSHORE	45	49	20.00	126	40.00	60	05	09	00	80	93	X		X	BOTT		
B. C. OFFSHORE	46	49	22.00	126	37.00	60	05	09	01	25	36	X		X	BOTT		
B. C. OFFSHORE	47	49	22.00	126	38.00	60	05	10	13	24	36	X		X	BOTT		
B. C. OFFSHORE	48	49	20.00	126	40.00	60	05	10	14	76	91	X		X	BOTT		
B. C. OFFSHORE	49	49	15.00	126	50.00	60	05	10	15	95	131	X		X	BOTT		
B. C. OFFSHORE	50	49	12.00	126	55.00	60	05	10	19	150	179	X		X	BOTT		
B. C. OFFSHORE	51	49	10.00	127	1.00	60	05	10	20	300		X		X	BOTT		
B. C. OFFSHORE	52	49	8.00	127	5.00	60	05	10	21	250	704	X		X	BOTT		
B. C. OFFSHORE	53	49	3.00	127	14.00	60	05	10	23	285	1645	X		X	BOTT		
B. C. OFFSHORE	54	49	8.00	127	6.00	60	05	11	01	300	1005	X		X	BOTT		
B. C. OFFSHORE	55	49	10.00	127	1.00	60	05	11	02	300	384	X		X	BOTT		
B. C. OFFSHORE	56	49	13.00	126	55.00	60	05	11	03	150	164	X		X	BOTT		
B. C. OFFSHORE	57	49	15.00	126	50.00	60	05	11	07	100	128	X		X	BOTT		
B. C. OFFSHORE	58	49	20.00	126	40.00	60	05	11	08	70	82	X		X	BOTT		
B. C. OFFSHORE	59	49	22.00	126	39.00	60	05	11	09	30	54	X		X	BOTT		
B. C. OFFSHORE	60	49	19.00	126	44.00	60	05	11	12	90	111	X		X	BOTT		
B. C. OFFSHORE	61	49	19.00	126	44.00	60	05	11	14	90	111	X		X	BOTT		
B. C. OFFSHORE	62	49	19.00	126	44.00	60	05	11	16	90	111	X		X	BOTT		
B. C. OFFSHORE	63	49	19.00	126	44.00	60	05	11	18	90	111	X		X	BOTT		
B. C. OFFSHORE	64	49	19.00	126	45.00	60	05	11	20	89		X		X	BOTT		
B. C. OFFSHORE	65	49	19.00	126	45.00	60	05	11	22	89	111	X		X	BOTT		
B. C. OFFSHORE	66	49	19.00	126	45.00	60	05	12	00	90	111	X		X	BOTT		
B. C. OFFSHORE	67	49	18.00	126	45.00	60	05	12	02	90	111	X		X	BOTT		
B. C. OFFSHORE	68	49	18.00	126	45.00	60	05	12	04	90	111	X		X	BOTT		
B. C. OFFSHORE	69	49	18.00	126	45.00	60	05	12	06	90	111	X		X	BOTT		
B. C. OFFSHORE	70	49	18.00	126	45.00	60	05	12	08	90	111	X		X	BOTT		
B. C. OFFSHORE	71	49	18.00	126	45.00	60	05	12	10	90	111	X		X	BOTT		
B. C. OFFSHORE	72	49	18.00	126	45.00	60	05	12	12	90	111	X		X	BOTT		
B. C. OFFSHORE	73	49	18.00	126	45.00	60	05	12	14	90	111	X		X	BOTT		
B. C. OFFSHORE	74	49	10.00	126	30.00	60	05	12	16	85	109	X		X	BOTT		
B. C. OFFSHORE	75	49	0.00	126	20.00	60	05	12	17	99	126	X		X	BOTT		
B. C. OFFSHORE	76	48	51.00	126	9.00	60	05	12	19	75	91	X		X	BOTT		
B. C. OFFSHORE	77	48	54.00	126	10.00	60	05	12	22	75	95	X		X	BOTT		
B. C. OFFSHORE	78	48	54.00	126	10.00	60	05	13	00	75	95	X		X	BOTT		
B. C. OFFSHORE	79	48	54.00	126	10.00	60	05	13	02	75	93	X		X	BOTT		
B. C. OFFSHORE	80	48	54.00	126	10.00	60	05	13	04	75	93	X		X	BOTT		
B. C. OFFSHORE	81	48	54.00	126	10.00	60	05	13	06	75	93	X		X	BOTT		
B. C. OFFSHORE	82	48	54.00	126	10.00	60	05	13	08	75	93	X		X	BOTT		
B. C. OFFSHORE	83	48	54.00	126	10.00	60	05	13	10	75	93	X		X	BOTT		
B. C. OFFSHORE	84	48	54.00	126	10.00	60	05	13	12	75	93	X		X	BOTT		
B. C. OFFSHORE	85	48	54.00	126	10.00	60	05	13	14	75	93	X		X	BOTT		
B. C. OFFSHORE	86	48	54.00	126	10.00	60	05	13	16	75	93	X		X	BOTT		
B. C. OFFSHORE	87	48	54.00	126	10.00	60	05	13	18	74	93	X		X	BOTT		
B. C. OFFSHORE	88	48	54.00	126	10.00	60	05	13	20	74	93	X		X	BOTT		
B. C. OFFSHORE	89	48	54.00	126	10.00	60	05	13	22	75	93	X		X	BOTT		
B. C. OFFSHORE	90	48	54.00	126	10.00	60	05	14	00	75	93	X		X	BOTT		
B. C. OFFSHORE	91	48	54.00	126	10.00	60	05	14	02	75	93	X		X	BOTT		
B. C. OFFSHORE	92	48	36.00	126	7.00	60	05	14	04	124	155	X		X	BOTT		
B. C. OFFSHORE	93	48	40.00	126	0.00	60	05	14	08	75	109	X		X	BOTT		
B. C. OFFSHORE	94	48	43.00	125	55.00	60	05	14	09	65	74	X		X	BOTT		
B. C. OFFSHORE	95	48	48.00	125	45.00	60	05	14	10	48	58	X		X	BOTT		
B. C. OFFSHORE	96	48	53.00	125	35.00	60	05	14	11	40	47	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0035
YEAR:1960 VESSEL/AGENCY: KEY WEST 2,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	51	44.00	131	16.00	60	05	22	15	250		X		X	BOTT		
B. C. OFFSHORE	2	52	7.00	131	31.00	60	05	23	15	100		X		X	BOTT		
B. C. OFFSHORE	17	54	5.00	135	0.00	60	06	04	15	100		X		X	BOTT		
B. C. OFFSHORE	18	54	10.00	133	22.00	60	06	08	16	30		X		X	BOTT		
B. C. OFFSHORE	24	53	37.00	133	20.00	60	07	11	00	100		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0037
YEAR:1960 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T			
B. C. OFFSHORE	34	46	54.00	129	1.00	60	08	08	08	1165	2697	X		X	BOTT		
B. C. OFFSHORE	35	47	18.00	128	0.00	60	08	08	13	1980	2606	X		X	BOTT		
B. C. OFFSHORE	36	47	42.00	127	2.00	60	08	08	19	1173	2560	X		X	BOTT		
B. C. OFFSHORE	37	48	6.00	126	0.00	60	08	09	01	992	1243	X		X	BOTT		
B. C. OFFSHORE	38	48	33.00	124	53.00	60	08	09	07	75	82	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 60-0039
YEAR:1960 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T			
B. C. OFFSHORE	1	48	53.00	125	35.00	60	10	04	02	50	53	X		X	BOTT		
B. C. OFFSHORE	2	48	48.00	125	45.00	60	10	04	04	50	58	X		X	BOTT		
B. C. OFFSHORE	3	48	48.00	125	45.00	60	10	04	06	50	58	X		X	BOTT		
B. C. OFFSHORE	4	48	48.00	125	45.00	60	10	04	08	50	58	X		X	BOTT		
B. C. OFFSHORE	5	48	48.00	125	45.00	60	10	04	10	50	58	X		X	BOTT		
B. C. OFFSHORE	6	48	48.00	125	45.00	60	10	04	12	50	58	X		X	BOTT		
B. C. OFFSHORE	7	48	48.00	125	45.00	60	10	04	14	50	58	X		X	BOTT		
B. C. OFFSHORE	8	48	48.00	125	45.00	60	10	04	16	50	58	X		X	BOTT		
B. C. OFFSHORE	9	48	48.00	125	45.00	60	10	04	18	50	58	X		X	BOTT		
B. C. OFFSHORE	10	48	48.00	125	45.00	60	10	04	20	50	58	X		X	BOTT		
B. C. OFFSHORE	11	48	48.00	125	45.00	60	10	04	22	50	58	X		X	BOTT		
B. C. OFFSHORE	12	48	48.00	125	45.00	60	10	05	00	50	58	X		X	BOTT		
B. C. OFFSHORE	13	48	48.00	125	45.00	60	10	05	02	50	58	X		X	BOTT		
B. C. OFFSHORE	14	48	48.00	125	45.00	60	10	05	04	50	58	X		X	BOTT		
B. C. OFFSHORE	15	48	48.00	125	45.00	60	10	05	06	50	58	X		X	BOTT		
B. C. OFFSHORE	16	48	48.00	125	45.00	60	10	05	08	50	58	X		X	BOTT		
B. C. OFFSHORE	17	48	48.00	125	45.00	60	10	05	10	50	58	X		X	BOTT		
B. C. OFFSHORE	18	48	48.00	125	45.00	60	10	05	12	50	58	X		X	BOTT		
B. C. OFFSHORE	19	48	48.00	125	45.00	60	10	05	14	50	58	X		X	BOTT		
B. C. OFFSHORE	20	48	48.00	125	45.00	60	10	05	16	50	58	X		X	BOTT		
B. C. OFFSHORE	21	48	48.00	125	45.00	60	10	05	18	50	58	X		X	BOTT		
B. C. OFFSHORE	22	48	48.00	125	45.00	60	10	05	20	50	58	X		X	BOTT		
B. C. OFFSHORE	23	48	48.00	125	45.00	60	10	05	22	50	58	X		X	BOTT		
B. C. OFFSHORE	24	48	48.00	125	45.00	60	10	06	00	50	58	X		X	BOTT		
B. C. OFFSHORE	25	48	48.00	125	45.00	60	10	06	02	50	58	X		X	BOTT		
B. C. OFFSHORE	26	48	48.00	125	45.00	60	10	06	04	50	58	X		X	BOTT		
B. C. OFFSHORE	27	48	48.00	125	45.00	60	10	06	06	50	58	X		X	BOTT		
B. C. OFFSHORE	28	48	48.00	125	45.00	60	10	06	08	50	58	X		X	BOTT		
B. C. OFFSHORE	29	48	48.00	125	45.00	60	10	06	10	50	58	X		X	BOTT		
B. C. OFFSHORE	30	48	48.00	125	45.00	60	10	06	12	50	58	X		X	BOTT		
B. C. OFFSHORE	31	48	48.00	125	45.00	60	10	06	14	50	58	X		X	BOTT		
B. C. OFFSHORE	32	48	48.00	125	45.00	60	10	06	16	50	58	X		X	BOTT		
B. C. OFFSHORE	33	48	36.00	126	9.00	60	10	06	19	175	197	X		X	BOTT		
B. C. OFFSHORE	34	48	36.00	126	9.00	60	10	06	21	175	197	X		X	BOTT		
B. C. OFFSHORE	35	48	36.00	126	9.00	60	10	06	23	175	197	X		X	BOTT		
B. C. OFFSHORE	36	48	36.00	126	9.00	60	10	07	01	175	197	X		X	BOTT		
B. C. OFFSHORE	37	48	36.00	126	9.00	60	10	07	03	175	182	X		X	BOTT		
B. C. OFFSHORE	38	48	36.00	126	9.00	60	10	07	05	150	182	X		X	BOTT		
B. C. OFFSHORE	39	48	36.00	126	9.00	60	10	07	07	150	182	X		X	BOTT		
B. C. OFFSHORE	40	48	36.00	126	9.00	60	10	07	09	150	182	X		X	BOTT		
B. C. OFFSHORE	41	48	36.00	126	9.00	60	10	07	11	150	182	X		X	BOTT		
B. C. OFFSHORE	42	48	36.00	126	9.00	60	10	07	13	150	182	X		X	BOTT		
B. C. OFFSHORE	43	48	36.00	126	9.00	60	10	07	15	150	182	X		X	BOTT		
B. C. OFFSHORE	44	48	36.00	126	9.00	60	10	07	17	150	182	X		X	BOTT		
B. C. OFFSHORE	45	48	36.00	126	9.00	60	10	07	19	150	175	X		X	BOTT		
B. C. OFFSHORE	46	48	36.00	126	9.00	60	10	07	21	150	182	X		X	BOTT		
B. C. OFFSHORE	47	48	36.00	126	9.00	60	10	07	23	150	182	X		X	BOTT		
B. C. OFFSHORE	48	48	36.00	126	9.00	60	10	08	01	150	182	X		X	BOTT		
B. C. OFFSHORE	49	48	36.00	126	9.00	60	10	08	03	150	182	X		X	BOTT		
B. C. OFFSHORE	50	48	36.00	126	9.00	60	10	08	05	150	179	X		X	BOTT		
B. C. OFFSHORE	51	48	36.00	126	9.00	60	10	08	07	150	175	X		X	BOTT		

B. C. OFFSHORE	52	48	36.00	126	9.00	60	10	08	09	150	182	X		X	BOTT
B. C. OFFSHORE	53	48	36.00	126	9.00	60	10	08	11	150	182	X		X	BOTT
B. C. OFFSHORE	54	48	36.00	126	9.00	60	10	08	13	149	182	X		X	BOTT
B. C. OFFSHORE	55	48	36.00	126	9.00	60	10	08	15	150	184	X		X	BOTT
B. C. OFFSHORE	56	48	36.00	126	9.00	60	10	08	17	150	177	X		X	BOTT
B. C. OFFSHORE	57	48	36.00	126	9.00	60	10	08	19	150	177	X		X	BOTT
B. C. OFFSHORE	58	48	45.00	126	15.00	60	10	08	20	172	175	X		X	BOTT
B. C. OFFSHORE	59	48	55.00	125	43.00	60	10	08	23	103	104	X		X	BOTT
B. C. OFFSHORE	60	48	53.00	125	35.00	60	10	09	22	40	47	X		X	BOTT
B. C. OFFSHORE	61	48	48.00	125	45.00	60	10	09	23	50	64	X		X	BOTT
B. C. OFFSHORE	62	48	43.00	125	55.00	60	10	10	00	70	74	X		X	BOTT
B. C. OFFSHORE	63	48	40.00	126	0.00	60	10	10	01	100	107	X		X	BOTT
B. C. OFFSHORE	64	48	38.00	126	5.00	60	10	10	02	125	133	X		X	BOTT
B. C. OFFSHORE	65	48	36.00	126	9.00	60	10	10	02	148	190	X		X	BOTT
B. C. OFFSHORE	66	48	33.00	126	15.00	60	10	10	04	582	694	X		X	BOTT
B. C. OFFSHORE	67	48	30.00	126	20.00	60	10	10	05	793	941	X		X	BOTT
B. C. OFFSHORE	68	48	25.00	126	30.00	60	10	10	06	1150	1371	X		X	BOTT
B. C. OFFSHORE	69	48	20.00	126	40.00	60	10	10	08	1975	2560	X		X	BOTT
B. C. OFFSHORE	70	48	36.00	125	32.00	60	10	10	13	125	142	X		X	BOTT
B. C. OFFSHORE	71	48	20.00	125	20.00	60	10	10	15	100	117	X		X	BOTT
B. C. OFFSHORE	72	48	32.00	124	51.00	60	10	10	17	100	131	X		X	BOTT

BOTTLE/CTD DATA SET NUMBER: 61-0016
YEAR:1961 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	1	48	34.00	124	45.00	61	04	05	04	75	102	X		X	BOTT	
B. C. OFFSHORE	2	48	30.00	124	45.00	61	04	05	05	250	270	X		X	BOTT	
B. C. OFFSHORE	3	48	28.00	124	46.00	61	04	05	06	250	283	X		X	BOTT	
B. C. OFFSHORE	4	48	24.00	124	46.00	61	04	05	08	125	153	X		X	BOTT	
B. C. OFFSHORE	5	48	24.00	124	55.00	61	04	05	09	197	219	X		X	BOTT	
B. C. OFFSHORE	6	48	24.00	125	0.00	61	04	05	10	245	299	X		X	BOTT	
B. C. OFFSHORE	7	48	24.00	125	16.00	61	04	05	12	98	124	X		X	BOTT	
B. C. OFFSHORE	8	48	24.00	125	27.00	61	04	05	14	100	131	X		X	BOTT	
B. C. OFFSHORE	9	48	24.00	125	15.00	61	04	05	15	100	113	X		X	BOTT	
B. C. OFFSHORE	10	48	24.00	125	6.00	61	04	05	16	100	117	X		X	BOTT	
B. C. OFFSHORE	11	48	24.00	124	56.00	61	04	05	17	197	219	X		X	BOTT	
B. C. OFFSHORE	12	48	24.00	124	47.00	61	04	05	19	125	153	X		X	BOTT	
B. C. OFFSHORE	13	48	28.00	124	46.00	61	04	05	20	250	292	X		X	BOTT	
B. C. OFFSHORE	14	48	31.00	124	45.00	61	04	05	21	225	246	X		X	BOTT	
B. C. OFFSHORE	15	48	34.00	124	45.00	61	04	05	23	75	109	X		X	BOTT	
B. C. OFFSHORE	16	48	31.00	124	45.00	61	04	06	00	175	219	X		X	BOTT	
B. C. OFFSHORE	17	48	27.00	124	45.00	61	04	06	01	226	285	X		X	BOTT	
B. C. OFFSHORE	18	48	24.00	124	47.00	61	04	06	02	123	182	X		X	BOTT	
B. C. OFFSHORE	19	48	24.00	124	56.00	61	04	06	03	172	197	X		X	BOTT	
B. C. OFFSHORE	20	48	24.00	125	6.00	61	04	06	04	100	117	X		X	BOTT	
B. C. OFFSHORE	21	48	24.00	125	15.00	61	04	06	05	99	124	X		X	BOTT	
B. C. OFFSHORE	22	48	24.00	125	25.00	61	04	06	06	100	138	X		X	BOTT	
B. C. OFFSHORE	23	48	48.00	125	45.00	61	04	06	10	60	65	X		X	BOTT	
B. C. OFFSHORE	24	48	48.00	125	45.00	61	04	06	12	50	65	X		X	BOTT	
B. C. OFFSHORE	25	48	48.00	125	45.00	61	04	06	14	60	65	X		X	BOTT	
B. C. OFFSHORE	26	48	48.00	125	45.00	61	04	06	16	60	65	X		X	BOTT	
B. C. OFFSHORE	27	48	48.00	125	45.00	61	04	06	18	60	65	X		X	BOTT	
B. C. OFFSHORE	28	48	48.00	125	45.00	61	04	06	20	60	65	X		X	BOTT	
B. C. OFFSHORE	29	48	48.00	125	45.00	61	04	06	22	55	65	X		X	BOTT	
B. C. OFFSHORE	30	48	48.00	125	45.00	61	04	07	00	55	65	X		X	BOTT	
B. C. OFFSHORE	31	48	48.00	125	45.00	61	04	07	02	55	65	X		X	BOTT	
B. C. OFFSHORE	32	48	47.00	125	45.00	61	04	07	04	60	65	X		X	BOTT	
B. C. OFFSHORE	33	48	47.00	125	45.00	61	04	07	06	60	65	X		X	BOTT	
B. C. OFFSHORE	34	48	48.00	125	44.00	61	04	07	08	60	67	X		X	BOTT	
B. C. OFFSHORE	35	48	48.00	125	44.00	61	04	07	10	60	65	X		X	BOTT	
B. C. OFFSHORE	36	48	48.00	125	44.00	61	04	07	12	58	65	X		X	BOTT	
B. C. OFFSHORE	37	48	48.00	125	45.00	61	04	07	14	55	65	X		X	BOTT	
B. C. OFFSHORE	38	48	48.00	125	45.00	61	04	07	16	55	65	X		X	BOTT	
B. C. OFFSHORE	39	48	48.00	125	45.00	61	04	07	18	50	64	X		X	BOTT	
B. C. OFFSHORE	40	48	48.00	125	45.00	61	04	07	20	55	65	X		X	BOTT	
B. C. OFFSHORE	41	48	48.00	125	45.00	61	04	07	22	55	65	X		X	BOTT	
B. C. OFFSHORE	42	48	48.00	125	45.00	61	04	08	00	55	65	X		X	BOTT	
B. C. OFFSHORE	43	48	48.00	125	45.00	61	04	08	02	55	65	X		X	BOTT	
B. C. OFFSHORE	44	48	48.00	125	45.00	61	04	08	04	50	65	X		X	BOTT	
B. C. OFFSHORE	45	48	48.00	125	45.00	61	04	08	06	50	67	X		X	BOTT	
B. C. OFFSHORE	46	48	48.00	125	45.00	61	04	08	07	50	67	X		X	BOTT	
B. C. OFFSHORE	47	48	48.00	125	45.00	61	04	08	09	50	67	X		X	BOTT	

B. C. OFFSHORE	48	48	36.00	126	8.00	61	04	08	12	149	168	X		X	BOTT		
B. C. OFFSHORE	49	48	36.00	126	7.00	61	04	08	14	150	168	X		X	BOTT		
B. C. OFFSHORE	50	48	36.00	126	8.00	61	04	08	16	149	168	X		X	BOTT		
B. C. OFFSHORE	51	48	36.00	126	8.00	61	04	08	18	149	168	X		X	BOTT		
B. C. OFFSHORE	52	48	36.00	126	8.00	61	04	08	20	150	170	X		X	BOTT		
B. C. OFFSHORE	53	48	36.00	126	8.00	61	04	08	22	150	170	X		X	BOTT		
B. C. OFFSHORE	54	48	36.00	126	8.00	61	04	09	00	150	170	X		X	BOTT		
B. C. OFFSHORE	55	48	36.00	126	8.00	61	04	09	02	150	168	X		X	BOTT		
B. C. OFFSHORE	56	48	36.00	126	8.00	61	04	09	04	149	168	X		X	BOTT		
B. C. OFFSHORE	57	48	36.00	126	8.00	61	04	09	06	150	168	X		X	BOTT		
B. C. OFFSHORE	58	48	36.00	126	8.00	61	04	09	08	150	168	X		X	BOTT		
B. C. OFFSHORE	59	48	36.00	126	8.00	61	04	09	10	150	168	X		X	BOTT		
B. C. OFFSHORE	60	48	36.00	126	8.00	61	04	09	12	150	168	X		X	BOTT		
B. C. OFFSHORE	61	48	36.00	126	8.00	61	04	09	14	149	168	X		X	BOTT		
B. C. OFFSHORE	62	48	36.00	126	8.00	61	04	09	16	149	168	X		X	BOTT		
B. C. OFFSHORE	63	48	36.00	126	8.00	61	04	09	18	150	168	X		X	BOTT		
B. C. OFFSHORE	64	48	36.00	126	8.00	61	04	09	20	150	168	X		X	BOTT		
B. C. OFFSHORE	65	48	36.00	126	8.00	61	04	09	22	150	168	X		X	BOTT		
B. C. OFFSHORE	66	48	36.00	126	8.00	61	04	10	00	150	168	X		X	BOTT		
B. C. OFFSHORE	67	48	36.00	126	8.00	61	04	10	02	150	168	X		X	BOTT		
B. C. OFFSHORE	68	48	36.00	126	8.00	61	04	10	04	150	168	X		X	BOTT		
B. C. OFFSHORE	69	48	36.00	126	8.00	61	04	10	06	150	168	X		X	BOTT		
B. C. OFFSHORE	70	48	36.00	126	8.00	61	04	10	08	149	168	X		X	BOTT		
B. C. OFFSHORE	71	48	36.00	126	8.00	61	04	10	10	148	168	X		X	BOTT		
B. C. OFFSHORE	72	48	36.00	126	8.00	61	04	10	12	149	168	X		X	BOTT		
B. C. OFFSHORE	73	49	23.00	126	39.00	61	04	10	17	29	51	X		X	BOTT		
B. C. OFFSHORE	74	49	33.00	126	41.00	61	04	10	18	40	53	X		X	BOTT		
B. C. OFFSHORE	75	49	42.00	127	23.00	61	04	11	19	99	117	X		X	BOTT		
B. C. OFFSHORE	76	49	47.00	127	51.00	61	04	11	21	788	914	X		X	BOTT		
B. C. OFFSHORE	77	49	52.00	128	23.00	61	04	12	00	1746	2011	X		X	BOTT		
B. C. OFFSHORE	78	49	58.00	128	12.00	61	04	12	02	991	1097	X		X	BOTT		
B. C. OFFSHORE	79	50	6.00	128	1.00	61	04	12	04	171	182	X		X	BOTT		
B. C. OFFSHORE	80	50	14.00	128	5.00	61	04	12	06	89	106	X		X	BOTT		
B. C. OFFSHORE	81	50	26.00	128	8.00	61	04	12	07	55	64	X		X	BOTT		
B. C. OFFSHORE	82	50	24.00	128	26.00	61	04	12	09	171		X		X	BOTT		
B. C. OFFSHORE	83	50	23.00	128	42.00	61	04	12	10	891	1828	X		X	BOTT		
B. C. OFFSHORE	84	50	32.00	128	37.00	61	04	12	12	498	566	X		X	BOTT		
B. C. OFFSHORE	85	50	40.00	128	33.00	61	04	12	14	122	128	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0017A
YEAR:1961 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	4	48	32.00	124	51.00	61	07	25	06	80	137	X		X	BOTT		
B. C. OFFSHORE	5	48	26.00	124	50.00	61	07	25	08	282	301	X		X	BOTT		
B. C. OFFSHORE	6	48	24.00	124	47.00	61	07	25	09	130	164	X		X	BOTT		
B. C. OFFSHORE	7	48	17.00	125	2.00	61	07	25	11	80	219	X		X	BOTT		
B. C. OFFSHORE	9	48	20.00	125	27.00	61	07	25	17	119	128	X		X	BOTT		
B. C. OFFSHORE	10	48	34.00	125	27.00	61	07	25	19	78	100	X		X	BOTT		
B. C. OFFSHORE	11	48	44.00	125	30.00	61	07	25	20	80	128	X		X	BOTT		
B. C. OFFSHORE	12	48	55.00	125	35.00	61	07	25	22	79	98	X		X	BOTT		
B. C. OFFSHORE	13	48	49.00	125	47.00	61	07	25	23	40	49	X		X	BOTT		
B. C. OFFSHORE	14	48	45.00	125	53.00	61	07	26	00	59	64	X		X	BOTT		
B. C. OFFSHORE	15	48	37.00	126	10.00	61	07	26	02	258	365	X		X	BOTT		
B. C. OFFSHORE	16	48	26.00	126	30.00	61	07	26	05	1200	1463	X		X	BOTT		
B. C. OFFSHORE	17	48	56.00	126	49.00	61	07	26	12	608	822	X		X	BOTT		
B. C. OFFSHORE	18	49	9.00	126	49.00	61	07	26	15	134	146	X		X	BOTT		
B. C. OFFSHORE	19	49	23.00	126	39.00	61	07	26	18	39	54	X		X	BOTT		
B. C. OFFSHORE	20	49	31.00	126	42.00	61	07	26	19	44	49	X		X	BOTT		
B. C. OFFSHORE	21	49	42.00	127	24.00	61	07	26	23	85	137	X		X	BOTT		
B. C. OFFSHORE	22	49	48.00	127	54.00	61	07	27	03	690	841	X		X	BOTT		
B. C. OFFSHORE	23	49	54.00	128	27.00	61	07	27	06	1414	2103	X		X	BOTT		
B. C. OFFSHORE	24	49	58.00	128	13.00	61	07	27	09	1172	1280	X		X	BOTT		
B. C. OFFSHORE	25	50	6.00	128	0.00	61	07	27	12	140	146	X		X	BOTT		
B. C. OFFSHORE	26	50	14.00	128	3.00	61	07	27	13	80	85	X		X	BOTT		
B. C. OFFSHORE	27	50	26.00	128	8.00	61	07	27	15	57	54	X		X	BOTT		
B. C. OFFSHORE	28	50	24.00	128	26.00	61	07	27	17	195	201	X		X	BOTT		
B. C. OFFSHORE	29	50	22.00	128	39.00	61	07	27	19	1400	1737	X		X	BOTT		
B. C. OFFSHORE	30	50	32.00	128	36.00	61	07	27	22	222	219	X		X	BOTT		
B. C. OFFSHORE	31	50	40.00	128	33.00	61	07	27	23	120	128	X		X	BOTT		
B. C. OFFSHORE	45	51	4.00	129	35.00	61	07	29	02	242		X		X	BOTT		
B. C. OFFSHORE	46	51	0.00	129	16.00	61	07	29	03	157		X		X	BOTT		
B. C. OFFSHORE	47	50	53.00	129	13.00	61	07	29	05	71		X		X	BOTT		

B. C. OFFSHORE	48	50	47.00	129	41.00	61	07	29	09	1086	1828	X		X	BOTT		
B. C. OFFSHORE	49	51	4.00	130	13.00	61	07	29	12	1200	1920	X		X	BOTT		
B. C. OFFSHORE	50	51	26.00	130	40.00	61	07	29	16	1350	1463	X		X	BOTT		
B. C. OFFSHORE	51	51	38.00	130	19.00	61	07	29	20	220	219	X		X	BOTT		
B. C. OFFSHORE	52	51	53.00	130	49.00	61	07	29	23	30	36	X		X	BOTT		
B. C. OFFSHORE	85	54	42.00	133	29.00	61	08	03	23		265	X		X	BOTT		
B. C. OFFSHORE	86	54	30.00	133	36.00	61	08	04	01	200	247	X		X	BOTT		
B. C. OFFSHORE	87	54	17.00	133	23.00	61	08	04	03	390	438	X		X	BOTT		
B. C. OFFSHORE	88	54	0.00	133	20.00	61	08	04	05	65	65	X		X	BOTT		
B. C. OFFSHORE	89	53	55.00	133	53.00	61	08	04	08	800	1700	X		X	BOTT		
B. C. OFFSHORE	90	53	16.00	133	13.00	61	08	04	13	762	877	X		X	BOTT		
B. C. OFFSHORE	91	52	40.00	132	31.00	61	08	04	18	1188	1600	X		X	BOTT		
B. C. OFFSHORE	92	52	5.00	131	47.00	61	08	05	00	1162	1920	X		X	BOTT		
B. C. OFFSHORE	93	51	31.00	130	59.00	61	08	05	05	1165		X		X	BOTT		
B. C. OFFSHORE	94	51	0.00	130	10.00	61	08	05	11	1198	2011	X		X	BOTT		
B. C. OFFSHORE	95	50	28.00	129	22.00	61	08	05	17	1199	1883	X		X	BOTT		
B. C. OFFSHORE	96	49	53.00	128	22.00	61	08	05	23	1204	2194	X		X	BOTT		
B. C. OFFSHORE	97	49	10.00	127	28.00	61	08	06	05	1159	1517	X		X	BOTT		
B. C. OFFSHORE	98	48	27.00	126	30.00	61	08	06	11	1114	1463	X		X	BOTT		
B. C. OFFSHORE	99	48	52.00	125	35.00	61	08	06	18	40	45	X		X	BOTT		
B. C. OFFSHORE	100	48	52.00	125	35.00	61	08	06	20	40	45	X		X	BOTT		
B. C. OFFSHORE	101	48	52.00	125	35.00	61	08	06	22	40	45	X		X	BOTT		
B. C. OFFSHORE	102	48	52.00	125	35.00	61	08	07	00	40	45	X		X	BOTT		
B. C. OFFSHORE	103	48	52.00	125	35.00	61	08	07	02	40	45	X		X	BOTT		
B. C. OFFSHORE	104	48	52.00	125	35.00	61	08	07	04	40	45	X		X	BOTT		
B. C. OFFSHORE	105	48	52.00	125	35.00	61	08	07	06	40	45	X		X	BOTT		
B. C. OFFSHORE	106	48	52.00	125	35.00	61	08	07	08	40	45	X		X	BOTT		
B. C. OFFSHORE	107	48	52.00	125	35.00	61	08	07	10	40	45	X		X	BOTT		
B. C. OFFSHORE	108	48	52.00	125	35.00	61	08	07	12	40	45	X		X	BOTT		
B. C. OFFSHORE	109	48	52.00	125	35.00	61	08	07	14	40	45	X		X	BOTT		
B. C. OFFSHORE	110	48	52.00	125	35.00	61	08	07	16	40	45	X		X	BOTT		
B. C. OFFSHORE	111	48	52.00	125	35.00	61	08	07	18	40	45	X		X	BOTT		
B. C. OFFSHORE	112	48	52.00	125	35.00	61	08	07	20	40	45	X		X	BOTT		
B. C. OFFSHORE	113	48	52.00	125	35.00	61	08	07	22	40	45	X		X	BOTT		
B. C. OFFSHORE	114	48	52.00	125	35.00	61	08	08	00	40	45	X		X	BOTT		
B. C. OFFSHORE	115	48	52.00	125	35.00	61	08	08	02	40	45	X		X	BOTT		
B. C. OFFSHORE	116	48	52.00	125	35.00	61	08	08	04	40	45	X		X	BOTT		
B. C. OFFSHORE	117	48	52.00	125	35.00	61	08	08	05	40	45	X		X	BOTT		
B. C. OFFSHORE	118	48	52.00	125	35.00	61	08	08	08	40	45	X		X	BOTT		
B. C. OFFSHORE	119	48	52.00	125	35.00	61	08	08	10	40	45	X		X	BOTT		
B. C. OFFSHORE	120	48	52.00	125	35.00	61	08	08	12	36	45	X		X	BOTT		
B. C. OFFSHORE	121	48	52.00	125	35.00	61	08	08	14	30	45	X		X	BOTT		
B. C. OFFSHORE	122	48	52.00	125	35.00	61	08	08	16	39	45	X		X	BOTT		
B. C. OFFSHORE	123	48	52.00	125	35.00	61	08	08	18	40	45	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0017B
YEAR:1961 VESSEL/AGENCY: OSHAWA,FOG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	2	48	27.00	126	30.00	61	09	21	19	1175	1280	X		X	BOTT		
B. C. OFFSHORE	3	49	11.00	127	26.00	61	09	22	02	1447	1645	X		X	BOTT		
B. C. OFFSHORE	4	49	52.00	128	23.00	61	09	22	06	1462	1828	X		X	BOTT		
B. C. OFFSHORE	5	50	28.00	129	22.00	61	09	22	13	1394	1828	X		X	BOTT		
B. C. OFFSHORE	6	51	7.00	130	20.00	61	09	22	18	1500	1755	X		X	BOTT		
B. C. OFFSHORE	7	51	31.00	130	59.00	61	09	22	22	1717	2011	X		X	BOTT		
B. C. OFFSHORE	8	52	5.00	131	47.00	61	09	23	03	1800	2011	X		X	BOTT		
B. C. OFFSHORE	9	52	40.00	132	31.00	61	09	23	07	1200	1828	X		X	BOTT		
B. C. OFFSHORE	10	53	16.00	133	14.00	61	09	23	13	600	612	X		X	BOTT		
B. C. OFFSHORE	11	53	46.00	133	12.00	61	09	23	15	50	76	X		X	BOTT		
B. C. OFFSHORE	12	53	44.00	133	20.00	61	09	23	16	450	475	X		X	BOTT		
B. C. OFFSHORE	13	53	42.00	133	37.00	61	09	23	18	1480	1828	X		X	BOTT		
B. C. OFFSHORE	14	53	35.00	134	12.00	61	09	23	21	300	2743	X		X	BOTT		
B. C. OFFSHORE	15	53	27.00	135	0.00	61	09	24	02	2185	2926	X		X	BOTT		
B. C. OFFSHORE	16	53	15.00	135	40.00	61	09	24	06	40		X		X	BOTT		
B. C. OFFSHORE	17	53	5.00	136	57.00	61	09	24	11	2710	3291	X		X	BOTT		
B. C. OFFSHORE	26	49	7.00	132	40.00	61	09	28	06		3291	X		X	BOTT		
B. C. OFFSHORE	27	48	58.00	130	42.00	61	09	28	20	500	2743	X		X	BOTT		
B. C. OFFSHORE	28	48	50.00	128	41.00	61	09	29	02	266	2651	X		X	BOTT		
B. C. OFFSHORE	29	48	42.00	126	40.00	61	09	29	09	989	1133	X		X	BOTT		
B. C. OFFSHORE	30	48	35.00	125	40.00	61	09	29	13	50	60	X		X	BOTT		
B. C. OFFSHORE	31	48	30.00	125	0.00	61	09	29	15	60	100	X		X	BOTT		
B. C. OFFSHORE	43	51	0.00	129	16.00	61	10	05	01	153	151	X		X	BOTT		
B. C. OFFSHORE	44	50	53.00	129	13.00	61	10	05	02	88	87	X		X	BOTT		

B. C. OFFSHORE	45	50	46.00	129	45.00	61	10	05	05	1500	1920	X		X	BOTT		
B. C. OFFSHORE	46	51	4.00	129	35.00	61	10	05	09	258	301	X		X	BOTT		
B. C. OFFSHORE	47	51	4.00	130	13.00	61	10	05	13	1494	1828	X		X	BOTT		
B. C. OFFSHORE	48	51	34.00	130	18.00	61	10	05	18	533	685	X		X	BOTT		
B. C. OFFSHORE	49	51	25.00	130	36.00	61	10	05	21	1176	1645	X		X	BOTT		
B. C. OFFSHORE	78	54	18.00	133	3.00	61	10	09	15	381	453	X		X	BOTT		
B. C. OFFSHORE	83	54	42.00	133	29.00	61	10	09	23	251	251	X		X	BOTT		
B. C. OFFSHORE	84	54	30.00	133	26.00	61	10	10	01	300	311	X		X	BOTT		
B. C. OFFSHORE	85	54	17.00	133	24.00	61	10	10	03	294	320	X		X	BOTT		
B. C. OFFSHORE	86	54	2.00	133	21.00	61	10	10	06	78	82	X		X	BOTT		
B. C. OFFSHORE	87	54	18.00	133	3.00	61	10	10	08	399	457	X		X	BOTT		
B. C. OFFSHORE	108	51	49.00	130	41.00	61	10	15	21	289	457	X		X	BOTT		
B. C. OFFSHORE	109	51	34.00	130	18.00	61	10	16	00	590	877	X		X	BOTT		
B. C. OFFSHORE	110	51	25.00	130	36.00	61	10	16	03	1402	1828	X		X	BOTT		
B. C. OFFSHORE	111	51	4.00	130	13.00	61	10	16	06	1800	2011	X		X	BOTT		
B. C. OFFSHORE	112	50	44.00	129	40.00	61	10	16	10	1927	2194	X		X	BOTT		
B. C. OFFSHORE	113	50	53.00	129	13.00	61	10	16	13	80	80	X		X	BOTT		
B. C. OFFSHORE	114	51	0.00	129	16.00	61	10	16	14	159	164	X		X	BOTT		
B. C. OFFSHORE	115	51	4.00	129	35.00	61	10	16	16	393	515	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0017C
YEAR:1961 VESSEL/AGENCY: WHITETHROAT,POC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	3	48	34.00	124	45.00	61	10	25	05	59	76	X		X	BOTT		
B. C. OFFSHORE	4	48	33.00	124	52.00	61	10	25	06	92	128	X		X	BOTT		
B. C. OFFSHORE	5	48	26.00	124	51.00	61	10	25	08	225	301	X		X	BOTT		
B. C. OFFSHORE	6	48	24.00	124	46.00	61	10	25	18	118	133	X		X	BOTT		
B. C. OFFSHORE	7	48	17.00	125	2.00	61	10	25	20	194	237	X		X	BOTT		
B. C. OFFSHORE	9	48	19.00	125	26.00	61	10	26	04	100	118	X		X	BOTT		
B. C. OFFSHORE	10	48	34.00	125	30.00	61	10	26	07	100	118	X		X	BOTT		
B. C. OFFSHORE	11	48	44.00	125	32.00	61	10	26	08	139	155	X		X	BOTT		
B. C. OFFSHORE	12	48	55.00	125	35.00	61	10	26	10	80	87	X		X	BOTT		
B. C. OFFSHORE	13	48	49.00	125	47.00	61	10	26	11	40	51	X		X	BOTT		
B. C. OFFSHORE	14	48	45.00	125	53.00	61	10	26	12	60	67	X		X	BOTT		
B. C. OFFSHORE	15	48	36.00	126	11.00	61	10	26	15	175	402	X		X	BOTT		
B. C. OFFSHORE	16	48	27.00	126	30.00	61	10	26	18	1198	1463	X		X	BOTT		
B. C. OFFSHORE	17	49	42.00	127	24.00	61	10	28	18	98	118	X		X	BOTT		
B. C. OFFSHORE	18	49	48.00	127	54.00	61	10	28	20	783	822	X		X	BOTT		
B. C. OFFSHORE	19	50	6.00	128	0.00	61	10	29	00	220	292	X		X	BOTT		
B. C. OFFSHORE	20	50	14.00	128	3.00	61	10	29	16	77	89	X		X	BOTT		
B. C. OFFSHORE	21	49	58.00	128	13.00	61	10	29	18	1100	1188	X		X	BOTT		
B. C. OFFSHORE	22	49	52.00	128	23.00	61	10	29	20	1442	2011	X		X	BOTT		
B. C. OFFSHORE	23	50	22.00	128	42.00	61	10	30	01	1070	1463	X		X	BOTT		
B. C. OFFSHORE	24	50	32.00	128	37.00	61	10	30	04	473	676	X		X	BOTT		
B. C. OFFSHORE	25	50	40.00	128	33.00	61	10	30	05	99	128	X		X	BOTT		
B. C. OFFSHORE	26	50	24.00	128	27.00	61	10	30	08	164	201	X		X	BOTT		
B. C. OFFSHORE	27	50	26.00	128	8.00	61	10	30	10	40	53	X		X	BOTT		
B. C. OFFSHORE	28	50	14.00	128	3.00	61	10	30	11	80	89	X		X	BOTT		
B. C. OFFSHORE	29	50	6.00	128	0.00	61	10	30	13	140	149	X		X	BOTT		
B. C. OFFSHORE	30	50	22.00	128	42.00	61	10	30	16	1500	1737	X		X	BOTT		
B. C. OFFSHORE	31	50	32.00	128	37.00	61	10	30	19	573	731	X		X	BOTT		
B. C. OFFSHORE	32	50	41.00	128	33.00	61	10	30	20	99	117	X		X	BOTT		
B. C. OFFSHORE	33	50	24.00	128	6.00	61	10	30	23	178	210	X		X	BOTT		
B. C. OFFSHORE	34	50	26.00	128	8.00	61	10	31	01	40	60	X		X	BOTT		
B. C. OFFSHORE	35	49	58.00	128	13.00	61	10	31	04	1200	1371	X		X	BOTT		
B. C. OFFSHORE	36	49	52.00	128	23.00	61	10	31	06	800	2103	X		X	BOTT		
B. C. OFFSHORE	37	49	48.00	127	54.00	61	10	31	09	787	896	X		X	BOTT		
B. C. OFFSHORE	38	49	42.00	127	24.00	61	10	31	12	78	96	X		X	BOTT		
B. C. OFFSHORE	39	49	32.00	126	41.00	61	10	31	16	40	47	X		X	BOTT		
B. C. OFFSHORE	40	49	23.00	126	40.00	61	10	31	17	40	58	X		X	BOTT		
B. C. OFFSHORE	41	49	9.00	126	49.00	61	11	01	04	138	146	X		X	BOTT		
B. C. OFFSHORE	42	48	53.00	126	57.00	61	11	01	19	580	1280	X		X	BOTT		
B. C. OFFSHORE	43	48	27.00	126	30.00	61	11	02	00	136	1463	X		X	BOTT		
B. C. OFFSHORE	44	48	20.00	125	27.00	61	11	02	04	98	128	X		X	BOTT		
B. C. OFFSHORE	45	48	32.00	125	32.00	61	11	02	06	100	115	X		X	BOTT		
B. C. OFFSHORE	46	48	4.00	125	32.00	61	11	02	08	120	144	X		X	BOTT		
B. C. OFFSHORE	47	48	55.00	125	35.00	61	11	02	10	80	96	X		X	BOTT		
B. C. OFFSHORE	48	48	49.00	125	47.00	61	11	02	11	40	51	X		X	BOTT		
B. C. OFFSHORE	49	48	45.00	125	23.00	61	11	02	12	40	65	X		X	BOTT		
B. C. OFFSHORE	50	48	36.00	126	11.00	61	11	02	14	140	475	X		X	BOTT		
B. C. OFFSHORE	51	48	17.00	125	2.00	61	11	02	20	148	210	X		X	BOTT		
B. C. OFFSHORE	52	48	24.00	124	46.00	61	11	02	22	80	106	X		X	BOTT		

B. C. OFFSHORE	53	48	26.00	124	51.00	61	11	02	23	158	329	X		X	BOTT		
B. C. OFFSHORE	54	48	32.00	125	0.00	61	11	07	16	39	42	X		X	BOTT		
B. C. OFFSHORE	55	48	35.00	125	42.00	61	11	07	19	59	73	X		X	BOTT		
B. C. OFFSHORE	56	48	46.00	126	49.00	61	11	08	00	1200	1371	X		X	BOTT		
B. C. OFFSHORE	57	48	51.00	128	39.00	61	11	08	08	1895	2468	X		X	BOTT		
B. C. OFFSHORE	58	49	0.00	130	40.00	61	11	08	19	1114	3108	X		X	BOTT		
B. C. OFFSHORE	59	49	8.00	132	40.00	61	11	09	06	2711	3200	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0018
YEAR:1961 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	2	52	19.00	136	20.00	61	02	11	07	2972	3474	X		X	BOTT		
B. C. OFFSHORE	3	53	18.00	132	54.00	61	02	11	19	200	621	X		X	BOTT		
B. C. OFFSHORE	4	54	18.00	133	4.00	61	02	12	01	400	460	X		X	BOTT		
B. C. OFFSHORE	15	51	54.60	131	4.40	61	02	14	15	188	416	X		X	BOTT		
B. C. OFFSHORE	16	51	34.00	130	17.00	61	02	14	18	610	676	X		X	BOTT		
B. C. OFFSHORE	21	51	10.00	129	35.00	61	02	15	08	282	283	X		X	BOTT		
B. C. OFFSHORE	22	50	49.00	129	0.00	61	02	15	11	65		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0019
YEAR:1961 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	32.00	124	51.00	61	05	16	00	125	171	X		X	BOTT		
B. C. OFFSHORE	2	48	34.00	125	31.00	61	05	16	03	118	138	X		X	BOTT		
B. C. OFFSHORE	3	48	38.00	126	0.00	61	05	16	05	98	120	X		X	BOTT		
B. C. OFFSHORE	4	48	42.00	126	40.00	61	05	16	08	1260	1280	X		X	BOTT		
B. C. OFFSHORE	5	48	44.00	127	40.00	61	05	16	13	1242	2560	X		X	BOTT		
B. C. OFFSHORE	6	48	49.00	128	39.00	61	05	16	18	2004	2468	X		X	BOTT		
B. C. OFFSHORE	7	48	58.00	130	40.00	61	05	17	03	2468	2926	X		X	BOTT		
B. C. OFFSHORE	8	49	7.00	132	38.00	61	05	17	10	3000	3291	X		X	BOTT		
B. C. OFFSHORE	80	54	18.00	133	4.00	61	06	07	21	397	457	X		X	BOTT		
B. C. OFFSHORE	81	54	15.00	133	26.00	61	06	07	23	397	420	X		X	BOTT		
B. C. OFFSHORE	82	54	12.00	133	47.00	61	06	08	00	200	230	X		X	BOTT		
B. C. OFFSHORE	83	54	8.00	134	10.00	61	06	08	02	1243	2011	X		X	BOTT		
B. C. OFFSHORE	84	54	0.00	135	0.00	61	06	08	07	1253	2651	X		X	BOTT		
B. C. OFFSHORE	94	52	2.00	135	55.00	61	06	11	16	296	3657	X		X	BOTT		
B. C. OFFSHORE	95	51	58.00	133	54.00	61	06	11	23	1253	2926	X		X	BOTT		
B. C. OFFSHORE	96	52	0.00	132	0.00	61	06	12	07	1260	2423	X		X	BOTT		
B. C. OFFSHORE	97	52	1.00	131	31.00	61	06	12	10	1260	1828	X		X	BOTT		
B. C. OFFSHORE	98	52	0.00	131	12.00	61	06	12	12	150	234	X		X	BOTT		
B. C. OFFSHORE	99	51	45.00	131	2.00	61	06	12	14	1247	1463	X		X	BOTT		
B. C. OFFSHORE	100	51	29.00	132	0.00	61	06	12	19	1260	2377	X		X	BOTT		
B. C. OFFSHORE	101	51	12.00	132	58.00	61	06	12	23	1253	2743	X		X	BOTT		
B. C. OFFSHORE	102	50	58.00	134	0.00	61	06	13	03	1257	3291	X		X	BOTT		
B. C. OFFSHORE	103	50	40.00	135	0.00	61	06	13	08	280	3657	X		X	BOTT		
B. C. OFFSHORE	104	50	22.00	133	25.00	61	06	13	15	1258	3108	X		X	BOTT		
B. C. OFFSHORE	105	50	12.00	132	2.00	61	06	13	21	1183	3017	X		X	BOTT		
B. C. OFFSHORE	106	51	1.00	131	0.00	61	06	14	03	1223	2377	X		X	BOTT		
B. C. OFFSHORE	107	51	34.00	130	18.00	61	06	14	07	757	804	X		X	BOTT		
B. C. OFFSHORE	108	51	9.00	129	37.00	61	06	14	11	250	274	X		X	BOTT		
B. C. OFFSHORE	110	50	46.00	129	18.00	61	06	14	17	125	155	X		X	BOTT		
B. C. OFFSHORE	111	50	19.00	130	0.00	61	06	14	20	1000	1828	X		X	BOTT		
B. C. OFFSHORE	112	49	40.00	131	0.00	61	06	15	02	1230	2560	X		X	BOTT		
B. C. OFFSHORE	113	48	59.00	130	31.00	61	06	15	06	1260	2926	X		X	BOTT		
B. C. OFFSHORE	114	48	10.00	129	53.00	61	06	15	11	1196	2743	X		X	BOTT		
B. C. OFFSHORE	115	48	11.00	128	30.00	61	06	15	17	1250	2560	X		X	BOTT		
B. C. OFFSHORE	116	48	14.00	127	30.00	61	06	15	21	1242	2651	X		X	BOTT		
B. C. OFFSHORE	117	48	15.00	126	31.00	61	06	16	02	1222	2194	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0020
YEAR:1961 VESSEL/AGENCY: OP. LEAPFROG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	17	53	45.00	134	23.00	61	09	06	21	2495	2743	X		X	BOTT		
B. C. OFFSHORE	18	53	5.00	133	27.00	61	09	07	05	2739	2862	X		X	BOTT		
B. C. OFFSHORE	19	53	29.00	133	59.00	61	09	08	13	488		X		X	BOTT		
B. C. OFFSHORE	20	52	57.00	133	17.00	61	09	09	03	500		X		X	BOTT		
B. C. OFFSHORE	21	51	22.00	136	12.00	61	09	09	17	2000	3566	X		X	BOTT		
B. C. OFFSHORE	22	51	11.00	135	26.00	61	09	10	04	3394	3542	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0021
YEAR:1961 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	57.0	132	34.0	61	07	04		3000		X		X	BOTT		
B. C. OFFSHORE	4	51	27.0	133	20.0	61	07	09		2760		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0028
YEAR:1961 VESSEL/AGENCY: ST ANTHONY,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	20.00	125	0.00	61	05	28	02	187	212	X		X	BOTT		
B. C. OFFSHORE	2	48	11.00	125	27.00	61	05	28	05	100	128	X		X	BOTT		
B. C. OFFSHORE	3	48	5.00	126	0.00	61	05	28	08	295	1097	X		X	BOTT		
B. C. OFFSHORE	4	47	41.00	127	28.00	61	05	28	16	380	2615	X		X	BOTT		
B. C. OFFSHORE	5	47	18.00	129	0.00	61	05	29	01	1180	2377	X		X	BOTT		
B. C. OFFSHORE	94	47	30.00	129	0.00	61	06	30	21	1128		X		X	BOTT		
B. C. OFFSHORE	95	47	45.00	127	30.00	61	07	01	03	1175		X		X	BOTT		
B. C. OFFSHORE	96	48	13.00	125	55.00	61	07	01	09	732		X		X	BOTT		
B. C. OFFSHORE	97	48	16.00	125	31.00	61	07	01	12	100	131	X		X	BOTT		
B. C. OFFSHORE	98	48	22.00	125	50.00	61	07	01	14	98	128	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0029
YEAR:1961 VESSEL/AGENCY: ATOLLA,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
????	1	49	29.00	125	36.60	61	08	15	20	80			X	X	BOTT		
TOFINO INLET	2	49	12.00	125	38.70	61	08	15	22	120			X	X	BOTT		
TOFINO INLET	3	49	10.50	125	38.80	61	08	15	22	80			X	X	BOTT		
TOFINO INLET	4	49	8.50	125	42.20	61	08	15	23	55			X	X	BOTT		
TOFINO INLET	5	49	8.40	125	52.20	61	08	16	17	18			X	X	BOTT		
TOFINO INLET	6	49	7.20	125	47.70	61	08	16	18	40			X	X	BOTT		
TOFINO INLET	7	49	8.10	125	47.30	61	08	16	19	32			X	X	BOTT		
TOFINO INLET	8	49	10.00	125	46.80	61	08	16	19	45			X	X	BOTT		

TOFINO INLET	9	49	13.80	125	45.80	61	08	16	21	120			X	X	BOTT		
TOFINO INLET	10	49	14.70	125	49.70	61	08	16	22	60			X	X	BOTT		
TOFINO INLET	11	49	11.10	125	55.80	61	08	16	23	60			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0030
YEAR:1961 VESSEL/AGENCY: ATOLLA,UBC

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		HR	
????	1	49	29.00	125	36.60	61	08	30	18	91	94		X	X	BOTT		
TOFINO INLET	2	49	12.20	125	37.70	61	08	30	20	75	83		X	X	BOTT		
TOFINO INLET	3	49	12.00	125	38.70	61	08	30	21	120	127		X	X	BOTT		
TOFINO INLET	4	49	11.20	125	38.60	61	08	30	23	100	112		X	X	BOTT		
TOFINO INLET	5	49	10.50	125	38.80	61	08	31	00	90	103		X	X	BOTT		
TOFINO INLET	6	49	9.80	125	40.50	61	08	31	20	60	71		X	X	BOTT		
TOFINO INLET	7	49	8.50	125	42.20	61	08	31	21	50	64		X	X	BOTT		
TOFINO INLET	8	49	7.30	125	43.90	61	08	31	21	55	65		X	X	BOTT		
TOFINO INLET	9	49	8.10	125	47.30	61	08	31	22	30	37		X	X	BOTT		
TOFINO INLET	10	49	7.20	125	47.70	61	08	31	23	20	36		X	X	BOTT		
TOFINO INLET	11	49	8.40	125	52.20	61	08	31	23	20	24		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0031
YEAR:1961 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		HR	
TOFINO INLET	1	49	15.00	125	50.00	61	02	14	22	50	64		X	X	BOTT		
TOFINO INLET	2	49	14.00	125	45.70	61	02	14	23	125	145		X	X	BOTT		
TOFINO INLET	3	49	8.50	125	42.00	61	02	15	01	50	66		X	X	BOTT		
TOFINO INLET	4	49	12.50	125	35.60	61	02	15	17	96	91		X	X	BOTT		
TOFINO INLET	5	49	12.10	125	38.70	61	02	15	19	120	124		X	X	BOTT		
TOFINO INLET	6	49	10.60	125	38.40	61	02	15	22	65	73		X	X	BOTT		
TOFINO INLET	7	49	9.70	125	40.30	61	02	15	23	65	73		X	X	BOTT		
TOFINO INLET	8	49	7.30	125	44.70	61	02	16	16	50	62		X	X	BOTT		
TOFINO INLET	9	49	7.70	125	46.70	61	02	16	17	30	37		X	X	BOTT		
TOFINO INLET	10	49	10.20	125	46.50	61	02	16	18	40	51		X	X	BOTT		
TOFINO INLET	11	49	11.60	125	46.40	61	02	16	19	80	99		X	X	BOTT		
TOFINO INLET	12	49	4.00	125	59.00	61	02	17	00	40	46		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0032
YEAR:1961 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		HR	
TOFINO INLET	1	49	12.50	125	35.60	61	04	06	22	95	98		X	X	BOTT		
TOFINO INLET	2	49	12.10	125	33.70	61	04	06	23	125	130		X	X	BOTT		
TOFINO INLET	3	49	10.60	125	38.40	61	04	07	02	80	86		X	X	BOTT		
TOFINO INLET	4	49	9.70	125	40.30	61	04	07	03	65	68		X	X	BOTT		
TOFINO INLET	5	49	7.30	125	44.70	61	04	07	14	60	66		X	X	BOTT		
TOFINO INLET	6	49	10.20	125	46.50	61	04	07	15	40			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0033
YEAR:1961 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	32.00	124	52.00	61	03	21	01	100	128	X		X	BOTT		
B. C. OFFSHORE	2	48	34.00	125	29.00	61	03	21	03	75	95	X		X	BOTT		
B. C. OFFSHORE	3	48	41.00	126	42.00	61	03	21	08	1250	1280	X		X	BOTT		
B. C. OFFSHORE	4	48	50.00	128	44.00	61	03	21	16	2265	2468	X		X	BOTT		
B. C. OFFSHORE	5	48	58.00	130	51.00	61	03	22	02	292	2011	X		X	BOTT		
B. C. OFFSHORE	6	49	8.00	132	40.00	61	03	22	10	2780	3200	X		X	BOTT		
B. C. OFFSHORE	18	49	12.00	132	45.00	61	03	27	02	2915	3273	X		X	BOTT		
B. C. OFFSHORE	19	49	2.00	130	49.00	61	03	27	09	500	2304	X		X	BOTT		
B. C. OFFSHORE	20	48	53.00	128	45.00	61	03	27	16	1984	2505	X		X	BOTT		
B. C. OFFSHORE	21	48	40.00	126	43.00	61	03	27	23	1250	1316	X		X	BOTT		
B. C. OFFSHORE	22	48	21.00	126	41.00	61	03	28	02	1463	2450	X		X	BOTT		
B. C. OFFSHORE	23	48	26.00	126	30.00	61	03	28	05	1200	1439	X		X	BOTT		
B. C. OFFSHORE	24	48	30.00	126	20.00	61	03	28	07	800	969	X		X	BOTT		
B. C. OFFSHORE	25	48	33.00	126	15.00	61	03	28	09	593	704	X		X	BOTT		
B. C. OFFSHORE	26	48	36.00	126	8.00	61	03	28	10	148	173	X		X	BOTT		
B. C. OFFSHORE	27	48	38.00	126	4.00	61	03	28	11	125	138	X		X	BOTT		
B. C. OFFSHORE	28	48	40.00	126	0.00	61	03	28	11	90	100	X		X	BOTT		
B. C. OFFSHORE	29	48	42.00	125	55.00	61	03	28	12	60	80	X		X	BOTT		
B. C. OFFSHORE	30	48	50.00	125	46.00	61	03	28	13	40	51	X		X	BOTT		
B. C. OFFSHORE	31	48	53.00	125	35.00	61	03	28	14	40	51	X		X	BOTT		
B. C. OFFSHORE	32	48	44.00	125	32.00	61	03	28	15	125	166	X		X	BOTT		
B. C. OFFSHORE	33	48	35.00	125	31.00	61	03	28	16	100	128	X		X	BOTT		
B. C. OFFSHORE	34	48	22.00	125	27.00	61	03	28	18	100	128	X		X	BOTT		
B. C. OFFSHORE	36	48	18.00	125	2.00	61	03	28	22	164	182	X		X	BOTT		
B. C. OFFSHORE	37	48	24.00	124	47.00	61	03	28	23	123	137	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0034
YEAR:1961 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	A-1	48	49.2	125	11.3	61	10	03	15	30	31	X		X	BOTT		
ALBERNI INLET	A-2	48	51.0	125	08.8	61	10	03	17	90	112	X		X	BOTT		
ALBERNI INLET	A-3	48	52.65	125	06.5	61	10	03	19	139	146	X		X	BOTT		
ALBERNI INLET	A-4	48	55.1	125	02.5	61	10	03	21	150	154	X		X	BOTT		
ALBERNI INLET	A-5	48	57.6	125	00.0	61	10	03	22	149	181	X		X	BOTT		
ALBERNI INLET	A-6	49	02.2	124	51.2	61	10	04	00	250	289	X			BOTT		
ALBERNI INLET	A-7	49	08.5	124	48.1	61	10	04	02	100	121	X		X	BOTT		
ALBERNI INLET	A-8	49	12.7	124	49.15	61	10	04	16	30	33	X		X	BOTT		
ALBERNI INLET	A-9	49	13.23	124	49.1	61	10	04	17	25	27	X		X	BOTT		
ALBERNI INLET	A-10	49	13.15	124	49.67	61	10	04	18	25	24	X		X	BOTT		
ALBERNI INLET	A-11	49	13.7	124	50.0	61	10	04	19	12	18	X		X	BOTT		
ALBERNI INLET	A-12	49	13.8	124	49.5	61	10	04	21	12	13	X		X	BOTT		
ALBERNI INLET	A-13	49	14.15	124	49.0	61	10	04	22	15	17	X		X	BOTT		
ALBERNI INLET	A-14	49	14.27	124	49.02	61	10	04	23	12	12	X		X	BOTT		
ALBERNI INLET	A-15	49	14.35	124	48.90	61	10	05	00	10	10	X		X	BOTT		
ALBERNI INLET	A-16	49	14.48	124	49.02	61	10	05	17	5	5	X		X	BOTT		
ALBERNI INLET	A-18	49	14.57	124	48.87	61	10	05	19	4	6	X		X	BOTT		
MUCHALAT INLET	M-1	49	35.7	126	34.6	61	10	06	14	70	97	X		X	BOTT		
MUCHALAT INLET	M-2	49	37.1	126	30.4	61	10	06	16	150	165	X		X	BOTT		
MUCHALAT INLET	M-3	49	39.4	126	27.7	61	10	06	17	190	205	X		X	BOTT		
MUCHALAT INLET	M-4	49	38.4	120	20.8	61	10	06	19	250	284	X		X	BOTT		
MUCHALAT INLET	M-5	49	39.0	126	15.0	61	10	06	21	300	366	X		X	BOTT		
MUCHALAT INLET	M-6	49	39.8	126	10.7	61	10	06	23	300	348	X		X	BOTT		
MUCHALAT INLET	M-7	49	39.9	126	08.9	61	10	07	00	300	366	X			BOTT		
MUCHALAT INLET	M-8	49	40.1	126	06.0	61	10	07	02	300	302	X		X	BOTT		
MUCHALAT INLET	M-9	49	38.35	126	05.0	61	10	07	17	100	152	X		X	BOTT		
MUCHALAT INLET	M-10	49	37.3	126	03.35	61	10	07	18	100	119	X		X	BOTT		
MUCHALAT INLET	M-11	49	40.5	126	07.4	61	10	07	21	50	53	X		X	BOTT		
MUCHALAT INLET	M-11A	49	40.5	126	07.4	61	10	09	02	50	53	X		X	BOTT		
QUATSINO SOUND	Q-2	50	25.45	127	55.02	61	10	09	15	200	402	X		X	BOTT		
QUATSINO SOUND	Q-3	50	28.77	127	47.4	61	10	09	17	148	154	X		X	BOTT		

QUATSINO SOUND	Q-4	50	31.4	127	40.3	61	10	09	18	99	124	X		X	BOTT		
QUATSINO SOUND	Q-5	50	31.6	127	37.25	61	10	09	19	90	101	X		X	BOTT		
QUATSINO SOUND	Q-6	50	28.8	127	34.8	61	10	09	21	145	183	X		X	BOTT		
QUATSINO SOUND	Q-7	50	27.85	127	32.3	61	10	09	22	180	194	X		X	BOTT		
QUATSINO SOUND	Q-8	50	26.0	127	30.5	61	10	10	00	180	190	X		X	BOTT		
QUATSINO SOUND	Q-9	50	24.3	127	30.6	61	10	10	01	130	145	X		X	BOTT		
QUATSINO SOUND	Q-10	50	23.73	127	28.6	61	10	10	03	90	99	X		X	BOTT		
QUATSINO SOUND	Q-11	50	23.0	127	27.4	61	10	10	04	50	53	X		X	BOTT		
QUATSINO SOUND	Q-12	50	22.1	127	26.6	61	10	10	06	50	53	X		X	BOTT		
QUATSINO SOUND	Q-13	50	21.1	127	26.5	61	10	10	07	35	38	X		X	BOTT		
QUATSINO SOUND	Q-1	50	24.8	128	00.40	61	10	11	17	146	172	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0035
YEAR:1961 VESSEL/AGENCY: MACBLO,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	HI	49	13.72	124	49.47	61	01	19	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	02	16	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	03	02	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	04	13	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	04	27	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	05	04	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	05	11	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	05	18	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	05	21	00	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	06	29	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	07	27	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	08	10	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	08	14	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	08	24	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	09	01	00	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	09	07	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	09	14	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	09	21	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	09	28	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	10	05	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	10	12	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	11	09	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	61	12	07	19	10	10	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0036A
YEAR:1961 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	2	48	26.00	124	52.00	61	07	07	09	245	269	X		X	BOTT		
B. C. OFFSHORE	4	48	1.00	126	3.00	61	07	07	19	1568	3025	X		X	BOTT		
B. C. OFFSHORE	5	47	59.00	127	1.00	61	07	08	06	2152	2505	X		X	BOTT		
B. C. OFFSHORE	6	47	28.00	127	4.00	61	07	08	13	2156	2505	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0036B
YEAR:1961 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	78	48	24.00	124	49.00	61	07	29	19	194	278	X		X	BOTT		
B. C. OFFSHORE	79	48	10.00	125	46.00	61	07	30	01	195	681	X		X	BOTT		
B. C. OFFSHORE	80	47	56.00	126	34.00	61	07	30	11	297	2194	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0037A
YEAR:1961 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	121	48	29.00	124	46.00	61	09	15	15	241	262	X		X	BOTT		
B. C. OFFSHORE	122	48	25.00	125	0.00	61	09	15	18	243	278	X		X	BOTT		
B. C. OFFSHORE	123	48	21.00	125	16.00	61	09	15	20	176	183	X		X	BOTT		
B. C. OFFSHORE	124	48	17.00	125	29.00	61	09	15	23	130	238	X		X	BOTT		
B. C. OFFSHORE	125	48	7.00	126	1.00	61	09	16	04	996	1189	X		X	BOTT		
B. C. OFFSHORE	126	47	49.00	126	59.00	61	09	16	11	1489	2478	X		X	BOTT		
B. C. OFFSHORE	127	47	29.00	128	0.00	61	09	16	19	1452	2651	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0037B
YEAR:1961 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	247	48	27.00	124	50.00	61	11	29	15	289	307	X		X	BOTT		
B. C. OFFSHORE	248	48	17.00	125	33.00	61	11	29	20	119	132	X		X	BOTT		
B. C. OFFSHORE	249	47	45.00	127	13.00	61	11	30	17	2169	2560	X		X	BOTT		
B. C. OFFSHORE	250	47	35.00	127	32.00	61	11	30	20	172	2615	X		X	BOTT		
B. C. OFFSHORE	251	47	30.00	128	0.00	61	12	01	02	2230	2740	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0038
YEAR:1961 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	2	48	52.00	125	35.00	61	01	11	20	38	46	X		X	BOTT		
B. C. OFFSHORE	3	48	48.00	125	45.00	61	01	11	23	46	55	X		X	BOTT		
B. C. OFFSHORE	4	48	43.00	125	55.00	61	01	12	02	58	73	X		X	BOTT		
B. C. OFFSHORE	5	48	40.00	126	1.00	61	01	12	04	95	104	X		X	BOTT		
B. C. OFFSHORE	6	48	36.00	126	8.00	61	01	12	06	125	145	X		X	BOTT		
B. C. OFFSHORE	7	48	35.00	126	13.00	61	01	12	07	360	567	X		X	BOTT		
B. C. OFFSHORE	8	48	32.00	126	16.00	61	01	12	11	382	677	X		X	BOTT		
B. C. OFFSHORE	9	48	32.00	126	21.00	61	01	12	15	505	896	X		X	BOTT		
B. C. OFFSHORE	10	48	24.00	126	29.00	61	01	12	19	806	1335	X		X	BOTT		
B. C. OFFSHORE	58	47	52.00	125	56.00	61	01	26	05	1366	1573	X		X	BOTT		
B. C. OFFSHORE	66	48	8.00	125	14.00	61	01	27	05	228	248	X		X	BOTT		

B. C. OFFSHORE	67	48	17.00	125	3.00	61	01	27	08	167	192	X		X	BOTT		
B. C. OFFSHORE	68	48	27.00	124	47.00	61	01	27	12	156	220	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0039
YEAR:1961 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	70	48	52.00	125	35.00	61	03	08	14	30	42	X		X	BOTT		
B. C. OFFSHORE	71	48	51.00	125	44.00	61	03	08	18	50	58	X		X	BOTT		
B. C. OFFSHORE	72	48	42.00	125	57.00	61	03	08	20	75	79	X		X	BOTT		
B. C. OFFSHORE	73	48	40.00	126	4.00	61	03	08	22	98	113	X		X	BOTT		
B. C. OFFSHORE	74	48	38.00	126	10.00	61	03	09	00	123	133	X		X	BOTT		
B. C. OFFSHORE	75	48	35.00	126	10.00	61	03	09	02	193	214	X		X	BOTT		
B. C. OFFSHORE	76	48	32.00	126	15.00	61	03	09	04	361	487	X		X	BOTT		
B. C. OFFSHORE	77	48	29.00	126	20.00	61	03	09	06	523	1051	X		X	BOTT		
B. C. OFFSHORE	78	48	25.00	126	30.00	61	03	09	08	992	1500	X		X	BOTT		
B. C. OFFSHORE	79	48	19.00	126	40.00	61	03	09	15	1186	2012	X		X	BOTT		
B. C. OFFSHORE	80	48	14.00	127	9.00	61	03	09	22	1727	2561	X		X	BOTT		
B. C. OFFSHORE	81	47	25.00	127	10.00	61	03	10	18	1731	2561	X		X	BOTT		
B. C. OFFSHORE	137	48	23.00	125	36.00	61	03	23	13	136	146	X		X	BOTT		
B. C. OFFSHORE	138	48	26.00	125	10.00	61	03	23	16	135	168	X		X	BOTT		
B. C. OFFSHORE	139	48	27.00	124	45.00	61	03	23	19	181	228	X		X	BOTT		
B. C. OFFSHORE	143	48	27.00	124	48.00	61	04	04	14	226	305	X		X	BOTT		
B. C. OFFSHORE	144	48	7.00	125	55.00	61	04	04	21	198	1353	X		X	BOTT		
B. C. OFFSHORE	146	47	12.00	129	2.00	61	04	06	15	177	2560	X		X	BOTT		
B. C. OFFSHORE	147	47	19.00	128	7.00	61	04	06	21	656	2651	X		X	BOTT		
B. C. OFFSHORE	148	47	34.00	127	1.00	61	04	07	04	642	2468	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0040
YEAR:1961 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	151	48	16.00	125	17.00	61	05	09	15	115	173	X		X	BOTT		
B. C. OFFSHORE	152	48	0.00	125	51.00	61	05	09	21	1020	1317	X		X	BOTT		
B. C. OFFSHORE	153	47	48.00	126	26.00	61	05	10	06	1977	2195	X		X	BOTT		
B. C. OFFSHORE	154	47	31.00	127	1.00	61	05	10	13	2035	2377	X		X	BOTT		
B. C. OFFSHORE	234	48	17.00	125	15.00	61	05	23	21	166	192	X		X	BOTT		
B. C. OFFSHORE	246	48	29.00	124	47.00	61	06	10	16	250	282	X		X	BOTT		
B. C. OFFSHORE	247	48	23.00	124	52.00	61	06	10	18	282	320	X		X	BOTT		
B. C. OFFSHORE	248	48	16.00	125	1.00	61	06	11	04	232	246	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0042
YEAR:1961 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	3	48	32.00	124	51.00	61	02	21	06	68	102	X		X	BOTT		
B. C. OFFSHORE	4	48	36.00	125	31.00	61	02	21	15	117	149	X		X	BOTT		
B. C. OFFSHORE	5	48	44.00	125	32.00	61	02	21	16	141	168	X		X	BOTT		
B. C. OFFSHORE	6	48	48.00	125	44.00	61	02	21	18	49	65	X		X	BOTT		
B. C. OFFSHORE	7	48	48.00	125	44.00	61	02	21	20	48	65	X		X	BOTT		
B. C. OFFSHORE	8	48	48.00	125	44.00	61	02	21	22	49		X		X	BOTT		
B. C. OFFSHORE	9	48	53.00	125	35.00	61	02	23	18	43	49	X		X	BOTT		
B. C. OFFSHORE	10	48	55.00	125	43.00	61	02	23	19	91	102	X		X	BOTT		

B. C. OFFSHORE	11	48	48.00	125	45.00	61	02	24	23	50	56	X		X	BOTT	
B. C. OFFSHORE	12	48	48.00	125	45.00	61	02	25	02	50	58	X		X	BOTT	
B. C. OFFSHORE	13	48	48.00	125	44.00	61	02	25	04	50	65	X		X	BOTT	
B. C. OFFSHORE	14	48	48.00	125	44.00	61	02	25	06	50	62	X		X	BOTT	
B. C. OFFSHORE	15	48	48.00	125	45.00	61	02	25	08	50	62	X		X	BOTT	
B. C. OFFSHORE	16	48	48.00	125	45.00	61	02	25	10	50	62	X		X	BOTT	
B. C. OFFSHORE	17	48	48.00	125	45.00	61	02	25	12	50	58	X		X	BOTT	
B. C. OFFSHORE	18	48	48.00	125	45.00	61	02	25	14	50	56	X		X	BOTT	
B. C. OFFSHORE	19	48	48.00	125	45.00	61	02	25	16	50	65	X		X	BOTT	
B. C. OFFSHORE	20	48	48.00	125	45.00	61	02	25	18	50	65	X		X	BOTT	
B. C. OFFSHORE	21	48	48.00	125	45.00	61	02	25	20	50	62	X		X	BOTT	
B. C. OFFSHORE	22	48	48.00	125	45.00	61	02	25	22	49	62	X		X	BOTT	
B. C. OFFSHORE	23	48	48.00	125	45.00	61	02	26	00	50	54	X		X	BOTT	
B. C. OFFSHORE	24	48	48.00	125	45.00	61	02	26	02	50	54	X		X	BOTT	
B. C. OFFSHORE	25	48	48.00	125	45.00	61	02	26	04	50	58	X		X	BOTT	
B. C. OFFSHORE	26	48	48.00	125	45.00	61	02	26	06	50	60	X		X	BOTT	
B. C. OFFSHORE	27	48	48.00	125	45.00	61	02	26	08	50	60	X		X	BOTT	
B. C. OFFSHORE	28	48	48.00	125	45.00	61	02	26	10	50	62	X		X	BOTT	
B. C. OFFSHORE	29	48	48.00	125	45.00	61	02	26	12	50	62	X		X	BOTT	
B. C. OFFSHORE	30	48	48.00	125	45.00	61	02	26	14	50	60	X		X	BOTT	
B. C. OFFSHORE	31	48	48.00	125	45.00	61	02	26	16	50	60	X		X	BOTT	
B. C. OFFSHORE	32	48	48.00	125	45.00	61	02	26	18	48	60	X		X	BOTT	
B. C. OFFSHORE	33	48	48.00	125	45.00	61	02	26	20	50	60	X		X	BOTT	
B. C. OFFSHORE	34	48	48.00	125	45.00	61	02	26	22	50	60	X		X	BOTT	
B. C. OFFSHORE	35	48	48.00	125	45.00	61	02	26	23	50	60	X		X	BOTT	
B. C. OFFSHORE	36	48	53.00	125	35.00	61	02	27	01	39	47	X		X	BOTT	
B. C. OFFSHORE	37	48	48.00	125	47.00	61	02	27	02	48	58	X		X	BOTT	
B. C. OFFSHORE	38	48	43.00	125	55.00	61	02	27	08	63	80	X		X	BOTT	
B. C. OFFSHORE	39	48	40.00	126	0.00	61	02	27	09	74	100	X		X	BOTT	
B. C. OFFSHORE	40	48	38.00	126	5.00	61	02	27	10	97	117	X		X	BOTT	
B. C. OFFSHORE	41	48	36.00	126	9.00	61	02	27	11	141	182	X		X	BOTT	
B. C. OFFSHORE	42	48	33.00	126	15.00	61	02	27	12	480	552	X		X	BOTT	
B. C. OFFSHORE	43	48	30.00	126	20.00	61	02	27	14	695	822	X		X	BOTT	
B. C. OFFSHORE	44	48	25.00	126	30.00	61	02	27	16	1160	1463	X		X	BOTT	
B. C. OFFSHORE	45	48	20.00	126	40.00	61	02	27	19	1380	1463	X		X	BOTT	
B. C. OFFSHORE	46	48	45.00	126	15.00	61	03	01	22	130	164	X		X	BOTT	
B. C. OFFSHORE	47	49	9.00	126	51.00	61	03	02	02	149	168	X		X	BOTT	
B. C. OFFSHORE	48	49	42.00	127	24.00	61	03	02	06	123	153	X		X	BOTT	
B. C. OFFSHORE	49	50	5.00	128	0.00	61	03	02	09	145	164	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 61-0045
YEAR:1961 VESSEL/AGENCY: J.N. COBB,BUR. COMM. FISHERIES

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	2	47	45.00	127	35.00	61	07	12	05	480		X		X	BOTT	
B. C. OFFSHORE	3	47	46.00	128	45.00	61	07	12	21	640		X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 61-0046
YEAR:1961 VESSEL/AGENCY: HORIZON(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	122	50	2.00	132	3.00	61	09	08	18	619	3172	X		X	BOTT	
B. C. OFFSHORE	123	50	0.00	135	0.00	61	09	11	07	1207	3426	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 61-0050
YEAR:1961 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	1	48	55.00	126	32.00	61	11	22	22	300	329	X		X	BOTT		
B. C. OFFSHORE	2	48	54.00	126	42.00	61	11	23	01	300	731	X		X	BOTT		
B. C. OFFSHORE	3	48	56.00	126	36.00	61	11	23	16	148	173	X		X	BOTT		
B. C. OFFSHORE	4	48	57.00	126	37.00	61	11	23	18	174	201	X		X	BOTT		
B. C. OFFSHORE	5	48	59.00	126	34.00	61	11	23	21	200	365	X		X	BOTT		
B. C. OFFSHORE	6	48	58.00	126	44.00	61	11	24	00	200	457	X		X	BOTT		
B. C. OFFSHORE	7	48	55.00	126	38.00	61	11	24	17	250	438	X		X	BOTT		
B. C. OFFSHORE	8	49	0.00	126	34.00	61	11	24	21	157	274	X		X	BOTT		
B. C. OFFSHORE	9	48	55.00	126	38.00	61	11	25	01	247	548	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0015A
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	3	48	34.00	124	45.00	62	01	16	03	80	100	X		X	BOTT		
B. C. OFFSHORE	4	48	33.00	124	51.00	62	01	16	04	100	115	X		X	BOTT		
B. C. OFFSHORE	5	48	26.00	124	51.00	62	01	16	05	233	274	X		X	BOTT		
B. C. OFFSHORE	6	48	17.00	125	2.00	62	01	16	08	168	188	X		X	BOTT		
B. C. OFFSHORE	8	48	27.00	126	30.00	62	01	16	16	1095	1325	X		X	BOTT		
B. C. OFFSHORE	9	49	10.00	127	26.00	62	01	16	22	1200	1572	X		X	BOTT		
B. C. OFFSHORE	10	49	52.00	128	24.00	62	01	17	04	1496	2011	X		X	BOTT		
B. C. OFFSHORE	11	50	28.00	129	21.00	62	01	17	11	1440	1975	X		X	BOTT		
B. C. OFFSHORE	12	51	0.00	130	10.00	62	01	17	16	1433	1920	X		X	BOTT		
B. C. OFFSHORE	13	51	31.00	130	59.00	62	01	17	22	1780	2011	X		X	BOTT		
B. C. OFFSHORE	39	54	18.00	133	3.00	62	01	21	11	393	438	X		X	BOTT		
B. C. OFFSHORE	44	54	42.00	133	29.00	62	01	21	19	175	219	X		X	BOTT		
B. C. OFFSHORE	45	54	30.00	133	26.00	62	01	21	20	265	293	X		X	BOTT		
B. C. OFFSHORE	46	54	17.00	133	24.00	62	01	21	22	372	438	X		X	BOTT		
B. C. OFFSHORE	47	54	0.00	133	20.00	62	01	22	00	40	73	X		X	BOTT		
B. C. OFFSHORE	48	53	55.00	133	53.00	62	01	22	02	994	1097	X		X	BOTT		
B. C. OFFSHORE	49	53	16.00	133	13.00	62	01	22	06	564	658	X		X	BOTT		
B. C. OFFSHORE	50	52	40.00	132	31.00	62	01	22	12	1494	1810	X		X	BOTT		
B. C. OFFSHORE	51	52	5.00	131	47.00	62	01	23	02	1490	1810	X		X	BOTT		
B. C. OFFSHORE	52	51	33.00	130	15.00	62	01	23	09	480	768	X		X	BOTT		
B. C. OFFSHORE	53	51	24.00	130	35.00	62	01	23	12	1175	1737	X		X	BOTT		
B. C. OFFSHORE	54	51	4.00	130	12.00	62	01	23	15	985	1280	X		X	BOTT		
B. C. OFFSHORE	55	50	53.00	129	53.00	62	01	23	18	1175	1920	X		X	BOTT		
B. C. OFFSHORE	56	50	53.00	129	13.00	62	01	23	22	60	82	X		X	BOTT		
B. C. OFFSHORE	57	51	0.00	129	16.00	62	01	23	23	128	164	X		X	BOTT		
B. C. OFFSHORE	58	51	4.00	129	35.00	62	01	24	00	322	493	X		X	BOTT		
B. C. OFFSHORE	68	50	41.00	128	33.00	62	01	24	18	92	93	X		X	BOTT		
B. C. OFFSHORE	69	50	32.00	128	37.00	62	01	24	19	164	237	X		X	BOTT		
B. C. OFFSHORE	70	50	21.00	128	42.00	62	01	24	21	1451	1755	X		X	BOTT		
B. C. OFFSHORE	71	50	24.00	128	26.00	62	01	25	00	160	208	X		X	BOTT		
B. C. OFFSHORE	72	50	26.00	128	8.00	62	01	25	01	39	64	X		X	BOTT		
B. C. OFFSHORE	73	50	14.00	128	3.00	62	01	25	02	59	82	X		X	BOTT		
B. C. OFFSHORE	74	50	7.00	128	0.00	62	01	25	04	93	128	X		X	BOTT		
B. C. OFFSHORE	75	49	58.00	128	13.00	62	01	25	05	1130	1371	X		X	BOTT		
B. C. OFFSHORE	76	49	48.00	127	54.00	62	01	25	08	734	987	X		X	BOTT		
B. C. OFFSHORE	77	49	42.00	127	24.00	62	01	25	11	72	91	X		X	BOTT		
B. C. OFFSHORE	78	49	23.00	126	39.00	62	01	25	14	40	54	X		X	BOTT		
B. C. OFFSHORE	79	49	9.00	126	49.00	62	01	25	15	119	146	X		X	BOTT		
B. C. OFFSHORE	80	48	56.00	126	46.00	62	01	25	17	565	768	X		X	BOTT		
B. C. OFFSHORE	81	48	36.00	126	11.00	62	01	25	20	321	493	X		X	BOTT		
B. C. OFFSHORE	82	48	45.00	125	53.00	62	01	25	22	60	73	X		X	BOTT		
B. C. OFFSHORE	83	48	49.00	125	47.00	62	01	25	23	30	53	X		X	BOTT		
B. C. OFFSHORE	84	48	55.00	125	35.00	62	01	26	00	79	91	X		X	BOTT		
B. C. OFFSHORE	85	48	43.00	125	32.00	62	01	26	01	138	155	X		X	BOTT		
B. C. OFFSHORE	86	48	34.00	125	29.00	62	01	26	03	119	120	X		X	BOTT		
B. C. OFFSHORE	87	48	20.00	125	26.00	62	01	26	05	118	128	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0015B
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	90	48	34.00	124	45.00	62	01	30	02	73	100	X		X	BOTT		
B. C. OFFSHORE	91	48	32.00	124	51.00	62	01	30	03	95	113	X		X	BOTT		
B. C. OFFSHORE	92	48	26.00	124	51.00	62	01	30	04	244	292	X		X	BOTT		
B. C. OFFSHORE	93	48	17.00	125	2.00	62	01	30	06	160	192	X		X	BOTT		
B. C. OFFSHORE	95	48	20.00	125	26.00	62	01	30	10	97	118	X		X	BOTT		
B. C. OFFSHORE	96	48	34.00	125	29.00	62	01	30	12	78	100	X		X	BOTT		
B. C. OFFSHORE	97	48	44.00	125	32.00	62	01	30	13	133	160	X		X	BOTT		
B. C. OFFSHORE	98	48	55.00	125	35.00	62	01	30	14	79	96	X		X	BOTT		
B. C. OFFSHORE	99	48	49.00	125	47.00	62	01	30	15	40	54	X		X	BOTT		
B. C. OFFSHORE	100	48	45.00	125	53.00	62	01	30	16	63	73	X		X	BOTT		
B. C. OFFSHORE	101	48	36.00	126	11.00	62	01	30	17	180	192	X		X	BOTT		
B. C. OFFSHORE	102	48	27.00	126	30.00	62	01	30	19	1193	1280	X		X	BOTT		
B. C. OFFSHORE	103	48	56.00	126	46.00	62	01	30	22	393	457	X		X	BOTT		
B. C. OFFSHORE	104	49	9.00	126	49.00	62	01	30	23	116	146	X		X	BOTT		
B. C. OFFSHORE	105	49	23.00	126	39.00	62	01	31	01	40	54	X		X	BOTT		
B. C. OFFSHORE	106	49	32.00	126	41.00	62	01	31	02	40	49	X		X	BOTT		
B. C. OFFSHORE	107	49	42.00	127	24.00	62	01	31	04	100	109	X		X	BOTT		
B. C. OFFSHORE	108	49	49.00	127	54.00	62	01	31	06	600	786	X		X	BOTT		
B. C. OFFSHORE	109	49	52.00	128	23.00	62	01	31	08	1480	1975	X		X	BOTT		
B. C. OFFSHORE	110	49	58.00	128	13.00	62	01	31	11	1000	1280	X		X	BOTT		
B. C. OFFSHORE	111	50	6.00	128	0.00	62	01	31	13	160	201	X		X	BOTT		
B. C. OFFSHORE	112	50	14.00	128	3.00	62	01	31	14	79	85	X		X	BOTT		
B. C. OFFSHORE	113	50	26.00	128	8.00	62	01	31	15	55	67	X		X	BOTT		
B. C. OFFSHORE	114	50	24.00	128	26.00	62	02	01	21	175	208	X		X	BOTT		
B. C. OFFSHORE	115	50	22.00	128	42.00	62	02	01	23	1462	1828	X		X	BOTT		
B. C. OFFSHORE	116	50	32.00	128	37.00	62	02	02	01	486		X		X	BOTT		
B. C. OFFSHORE	117	50	41.00	128	33.00	62	02	02	02	99	126	X		X	BOTT		
B. C. OFFSHORE	129	51	4.00	129	35.00	62	02	02	20	282	438	X		X	BOTT		
B. C. OFFSHORE	130	51	0.00	129	16.00	62	02	02	22	115	157	X		X	BOTT		
B. C. OFFSHORE	131	50	53.00	129	13.00	62	02	02	23	59	78	X		X	BOTT		
B. C. OFFSHORE	132	50	47.00	129	41.00	62	02	03	01	1468	1828	X		X	BOTT		
B. C. OFFSHORE	133	51	4.00	130	13.00	62	02	03	04	1185		X		X	BOTT		
B. C. OFFSHORE	134	51	34.00	130	18.00	62	02	03	08	431		X		X	BOTT		
B. C. OFFSHORE	135	51	25.00	130	36.00	62	02	03	10	1174		X		X	BOTT		
B. C. OFFSHORE	136	51	31.00	130	59.00	62	02	03	13	944		X		X	BOTT		
B. C. OFFSHORE	138	52	5.00	131	47.00	62	02	04	20	1469		X		X	BOTT		
B. C. OFFSHORE	139	52	40.00	132	31.00	62	02	05	00	1200		X		X	BOTT		
B. C. OFFSHORE	140	53	16.00	133	13.00	62	02	05	05	546	563	X		X	BOTT		
B. C. OFFSHORE	141	53	55.00	133	53.00	62	02	05	10	800		X		X	BOTT		
B. C. OFFSHORE	142	54	17.00	133	24.00	62	02	05	14	267	347	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0016
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	32.00	124	51.00	62	05	23	00	149	164	X		X	BOTT		
B. C. OFFSHORE	2	48	36.00	125	33.00	62	05	23	02	100	124	X		X	BOTT		
B. C. OFFSHORE	3	48	37.00	126	0.00	62	05	23	04	75	100	X		X	BOTT		
B. C. OFFSHORE	4	48	42.00	126	40.00	62	05	23	06	1200	1444	X		X	BOTT		
B. C. OFFSHORE	5	48	48.00	127	42.00	62	05	23	11	2000	2505	X		X	BOTT		
B C. OFFSHORE	6	48	53.00	129	50.00	62	05	23	20	2461	2743	X		X	BOTT		
B. C. OFFSHORE	7	49	1.00	131	47.00	62	05	24	04	2484	2926	X		X	BOTT		
B. C. OFFSHORE	8	49	10.00	133	36.00	62	05	24	12	2387	2834	X		X	BOTT		
B. C. OFFSHORE	81	54	18.00	133	4.00	62	06	10	20	400	449	X		X	BOTT		
B. C. OFFSHORE	82	54	15.00	133	26.00	62	06	10	21	299	429	X		X	BOTT		
B. C. OFFSHORE	83	54	12.00	133	47.00	62	06	10	23	200	219	X		X	BOTT		
B. C. OFFSHORE	84	54	8.00	134	10.00	62	06	11	00	1178	2103	X		X	BOTT		
B. C. OFFSHORE	85	54	0.00	135	0.00	62	06	11	03	1190	2651	X		X	BOTT		
B. C. OFFSHORE	95	52	0.00	136	0.00	62	06	13	20	2929	3520	X		X	BOTT		
B. C. OFFSHORE	96	52	0.00	134	0.00	62	06	14	03	1099	2926	X		X	BOTT		
B. C. OFFSHORE	97	51	35.00	132	1.00	62	06	14	10	1193	2516	X		X	BOTT		

B. C. OFFSHORE	98	51	0.00	130	10.00	62	06	14	17	1194	2194	X		X	BOTT		
B. C. OFFSHORE	99	50	16.00	129	0.00	62	06	14	22	1078	2104	X		X	BOTT		
B. C. OFFSHORE	100	49	20.00	127	40.00	62	06	15	05	227	1920	X		X	BOTT		
B. C. OFFSHORE	101	49	15.00	127	0.00	62	06	15	07	110	182	X		X	BOTT		
B. C. OFFSHORE	102	49	10.00	126	30.00	62	06	15	09	100	118	X		X	BOTT		
B. C. OFFSHORE	103	49	30.00	128	45.00	62	06	20	11	1300	2240	X		X	BOTT		
B. C. OFFSHORE	104	48	59.00	130	40.00	62	06	20	19	2000	3182	X		X	BOTT		
B. C. OFFSHORE	105	49	7.00	132	40.00	62	06	21	02	2997	3291	X		X	BOTT		
B. C. OFFSHORE	106	49	40.00	131	0.00	62	06	21	09	1189	2633	X		X	BOTT		
B. C. OFFSHORE	107	50	0.00	129	50.00	62	06	21	14	1200	2011	X		X	BOTT		
B. C. OFFSHORE	108	50	45.00	130	42.00	62	06	21	19	1200	2414	X		X	BOTT		
B. C. OFFSHORE	109	50	26.00	131	28.00	62	06	21	23	1200	2999	X		X	BOTT		
B. C. OFFSHORE	110	50	10.00	132	5.00	62	06	22	02	1192	2926	X		X	BOTT		
B. C. OFFSHORE	111	50	25.00	133	37.00	62	06	22	07	1184	2926	X		X	BOTT		
B. C. OFFSHORE	112	50	45.00	134	35.00	62	06	22	12	1200	3364	X		X	BOTT		
B. C. OFFSHORE	113	50	56.00	134	0.00	62	06	22	14	1195	3255	X		X	BOTT		
B. C. OFFSHORE	114	51	10.00	133	21.00	62	06	22	18	1200	3072	X		X	BOTT		
B. C. OFFSHORE	115	52	0.00	132	0.00	62	06	23	00	1105	2377	X		X	BOTT		
B. C. OFFSHORE	116	52	0.00	131	30.00	62	06	23	02	1000	1554	X		X	BOTT		
B. C. OFFSHORE	117	52	0.00	131	12.00	62	06	23	03	199	201	X		X	BOTT		
B. C. OFFSHORE	118	51	40.00	131	0.00	62	06	23	06	1178	2103	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0018
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	54	20.00	133	22.00	62	09	19	10	400	442	X		X	BOTT		
B. C. OFFSHORE	105	54	18.00	133	17.00	62	10	01	00	391	444	X		X	BOTT		
B. C. OFFSHORE	106	54	9.00	133	35.00	62	10	01	03	278	329	X		X	BOTT		
B. C. OFFSHORE	107	54	7.00	133	54.00	62	10	01	05	788	1060	X		X	BOTT		
B. C. OFFSHORE	108	54	29.00	133	22.00	62	10	01	00	249	283	X		X	BOTT		
B. C. OFFSHORE	109	54	39.00	133	22.00	62	10	01	00	249	288	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0025
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	3	48	34.00	124	45.00	62	03	13	02	80	100	X		X	BOTT		
B. C. OFFSHORE	4	48	32.00	124	51.00	62	03	13	03	120	137	X		X	BOTT		
B. C. OFFSHORE	5	48	26.00	124	51.00	62	03	13	04	219	310	X		X	BOTT		
B. C. OFFSHORE	6	48	17.00	125	2.00	62	03	13	06	179	192	X		X	BOTT		
B. C. OFFSHORE	8	48	28.00	126	30.00	62	03	13	12	1139	1444	X		X	BOTT		
B. C. OFFSHORE	9	49	10.00	127	26.00	62	03	13	17	1422	1645	X		X	BOTT		
B. C. OFFSHORE	10	49	52.00	128	23.00	62	03	13	22	1414	2048	X		X	BOTT		
B. C. OFFSHORE	11	50	28.00	129	21.00	62	03	14	03	1182	2011	X		X	BOTT		
B. C. OFFSHORE	12	51	4.00	130	13.00	62	03	14	08	1188	1536	X		X	BOTT		
B. C. OFFSHORE	13	51	31.00	130	59.00	62	03	14	12	1489	2011	X		X	BOTT		
B. C. OFFSHORE	14	52	5.00	131	47.00	62	03	14	17	1500	1737	X		X	BOTT		
B. C. OFFSHORE	15	52	40.00	132	31.00	62	03	14	22	1428	1920	X		X	BOTT		
B. C. OFFSHORE	16	53	16.00	133	12.00	62	03	15	02	287	566	X		X	BOTT		
B. C. OFFSHORE	17	53	55.00	133	53.00	62	03	15	06	969	1115	X		X	BOTT		
B. C. OFFSHORE	18	54	0.00	133	20.00	62	03	15	09	60	73	X		X	BOTT		
B. C. OFFSHORE	19	54	17.00	133	24.00	62	03	15	11	340	438	X		X	BOTT		
B. C. OFFSHORE	20	54	30.00	133	26.00	62	03	15	13	253	315	X		X	BOTT		
B. C. OFFSHORE	21	54	42.00	133	29.00	62	03	15	14	200	238	X		X	BOTT		
B. C. OFFSHORE	56	51	23.00	130	36.00	62	03	18	20	1575	1865	X		X	BOTT		
B. C. OFFSHORE	57	51	34.00	130	18.00	62	03	18	22	773	877	X		X	BOTT		
B. C. OFFSHORE	58	51	4.00	129	35.00	62	03	19	02	595	705	X		X	BOTT		
B. C. OFFSHORE	59	50	47.00	129	41.00	62	03	19	04	1800	1920	X		X	BOTT		
B. C. OFFSHORE	60	50	53.00	129	13.00	62	03	19	07	75	91	X		X	BOTT		
B. C. OFFSHORE	61	51	1.00	129	16.00	62	03	19	08	140	164	X		X	BOTT		
B. C. OFFSHORE	75	50	41.00	128	33.00	62	03	21	00	97	138	X		X	BOTT		
B. C. OFFSHORE	76	50	32.00	128	36.00	62	03	21	01	600	888	X		X	BOTT		

B. C. OFFSHORE	77	50	22.00	128	42.00	62	03	21	02	1436	1828	X		X	BOTT		
B. C. OFFSHORE	78	50	24.00	128	26.00	62	03	21	04	180	210	X		X	BOTT		
B. C. OFFSHORE	79	50	26.00	128	8.00	62	03	21	05	40	69	X		X	BOTT		
B. C. OFFSHORE	80	50	14.00	128	3.00	62	03	21	07	80	109	X		X	BOTT		
B. C. OFFSHORE	81	50	6.00	128	0.00	62	03	21	08	119	146	X		X	BOTT		
B. C. OFFSHORE	82	49	58.00	128	13.00	62	03	21	09	970	1335	X		X	BOTT		
B. C. OFFSHORE	83	49	48.00	127	54.00	62	03	21	11	800	960	X		X	BOTT		
B. C. OFFSHORE	84	49	42.00	127	24.00	62	03	21	13	100	117	X		X	BOTT		
B. C. OFFSHORE	85	49	32.00	126	41.00	62	03	21	18	39	53	X		X	BOTT		
B. C. OFFSHORE	86	49	23.00	126	39.00	62	03	21	19	34	56	X		X	BOTT		
B. C. OFFSHORE	89	48	34.00	124	45.00	62	03	27	03	78	96	X		X	BOTT		
B. C. OFFSHORE	90	48	32.00	124	51.00	62	03	27	04	97	128	X		X	BOTT		
B. C. OFFSHORE	91	48	26.00	124	51.00	62	03	27	05	275	307	X		X	BOTT		
B. C. OFFSHORE	92	48	17.00	125	5.00	62	03	27	07	159	197	X		X	BOTT		
B. C. OFFSHORE	94	48	20.00	125	26.00	62	03	27	12	104	128	X		X	BOTT		
B. C. OFFSHORE	95	48	34.00	125	29.00	62	03	27	13	79	106	X		X	BOTT		
B. C. OFFSHORE	96	48	44.00	125	32.00	62	03	27	14	99	128	X		X	BOTT		
B. C. OFFSHORE	97	48	55.00	125	35.00	62	03	27	16	80	91	X		X	BOTT		
B. C. OFFSHORE	98	48	49.00	125	47.00	62	03	27	17	40	54	X		X	BOTT		
B. C. OFFSHORE	99	48	45.00	125	53.00	62	03	27	18	60	69	X		X	BOTT		
B. C. OFFSHORE	100	48	36.00	126	11.00	62	03	27	19	199	274	X		X	BOTT		
B. C. OFFSHORE	101	48	27.00	126	30.00	62	03	27	21	1178	1371	X		X	BOTT		
B. C. OFFSHORE	102	48	56.00	126	46.00	62	03	28	01	590	685	X		X	BOTT		
B. C. OFFSHORE	103	49	9.00	126	49.00	62	03	28	02	98	124	X		X	BOTT		
B. C. OFFSHORE	104	49	10.00	127	26.00	62	03	28	05	1193	1817	X		X	BOTT		
B. C. OFFSHORE	105	49	52.00	128	23.00	62	03	28	10	1485	2066	X		X	BOTT		
B. C. OFFSHORE	106	50	31.00	129	21.00	62	03	28	15	1900	2011	X		X	BOTT		
B. C. OFFSHORE	107	50	47.00	129	41.00	62	03	28	18	1800	1920	X		X	BOTT		
B. C. OFFSHORE	108	51	4.00	130	13.00	62	03	28	21	1800	1938	X		X	BOTT		
B. C. OFFSHORE	109	51	25.00	130	36.00	62	03	29	01	1488	1828	X		X	BOTT		
B. C. OFFSHORE	110	51	31.00	130	59.00	62	03	29	04	1924	2103	X		X	BOTT		
B. C. OFFSHORE	111	52	5.00	131	47.00	62	03	29	08	1498	1828	X		X	BOTT		
B. C. OFFSHORE	112	52	40.00	132	31.00	62	03	29	13	1800	1920	X		X	BOTT		
B. C. OFFSHORE	113	53	16.00	133	13.00	62	03	29	17	586	822	X		X	BOTT		
B. C. OFFSHORE	114	53	55.00	133	53.00	62	03	29	21	974	1097	X		X	BOTT		
B. C. OFFSHORE	115	54	0.00	133	23.00	62	03	30	00	60	73	X		X	BOTT		
B. C. OFFSHORE	116	54	17.00	133	24.00	62	03	30	01	400	448	X		X	BOTT		
B. C. OFFSHORE	123	54	18.00	133	3.00	62	03	30	11	395	448	X		X	BOTT		
B. C. OFFSHORE	147	51	34.00	130	18.00	62	04	02	06	798	859	X		X	BOTT		
B. C. OFFSHORE	148	51	3.00	129	36.00	62	04	02	10	400	512	X		X	BOTT		
B. C. OFFSHORE	149	50	53.00	129	13.00	62	04	02	13	60	82	X		X	BOTT		
B. C. OFFSHORE	150	51	0.00	129	16.00	62	04	02	14	139	155	X		X	BOTT		
B. C. OFFSHORE	164	50	41.00	128	33.00	62	04	03	07	96	128	X		X	BOTT		
B. C. OFFSHORE	165	50	32.00	128	37.00	62	04	03	08	154	420	X		X	BOTT		
B. C. OFFSHORE	166	50	22.00	128	42.00	62	04	03	11	260	1920	X		X	BOTT		
B. C. OFFSHORE	167	50	24.00	128	26.00	62	04	03	12	134	201	X		X	BOTT		
B. C. OFFSHORE	168	49	32.00	126	41.00	62	04	04	18	30	54	X		X	BOTT		
B. C. OFFSHORE	169	49	23.00	126	39.00	62	04	04	19	40	56	X		X	BOTT		
B. C. OFFSHORE	170	49	9.00	126	49.00	62	04	04	20	135	149	X		X	BOTT		
B. C. OFFSHORE	171	48	56.00	126	46.00	62	04	04	22	564	768	X		X	BOTT		
B. C. OFFSHORE	172	48	36.00	126	11.00	62	04	05	02	495	530	X		X	BOTT		
B. C. OFFSHORE	173	48	45.00	125	54.00	62	04	05	03	60	82	X		X	BOTT		
B. C. OFFSHORE	174	48	49.00	125	47.00	62	04	05	04	40	64	X		X	BOTT		
B. C. OFFSHORE	175	48	55.00	125	35.00	62	04	05	05	80	95	X		X	BOTT		
B. C. OFFSHORE	176	48	44.00	125	32.00	62	04	05	07	139	155	X		X	BOTT		
B. C. OFFSHORE	177	48	20.00	125	29.00	62	04	05	08	100	109	X		X	BOTT		
B. C. OFFSHORE	178	48	20.00	125	26.00	62	04	05	10	120	128	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0030A
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
ALBERNI INLET	A-1	48	49.0	125	11.3	62	10	30	15	19	27	X		X	BOTT		
ALBERNI INLET	A-2	48	51.0	125	08.7	62	10	30	17	100	110	X		X	BOTT		
ALBERNI INLET	A-3	48	52.7	125	06.5	62	10	30	18	150	146	X		X	BOTT		
ALBERNI INLET	A-4	48	55.0	125	02.6	62	10	30	19	150	157	X		X	BOTT		
ALBERNI INLET	A-5	48	57.7	124	59.8	62	10	30	22	170	176	X		X	BOTT		
ALBERNI INLET	A-6	49	02.20	124	51.2	62	10	30	23	298	27	X		X	BOTT		
ALBERNI INLET	A-7	49	08.5	124	48.0	62	10	31	00	100	119	X		X	BOTT		
ALBERNI INLET	A-8	49	12.5	124	49.1	62	10	31	02	40	51	X		X	BOTT		
ALBERNI INLET	A-11	49	13.6	124	49.9	62	10	31	16	15	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.8	124	49.5	62	10	31	17	13	13	X		X	BOTT		
ALBERNI INLET	A-14	49	14.2	124	49.1	62	10	31	18	10	11	X		X	BOTT		

ALBERNI INLET	A-15	49	14.3	124	48.9	62	10	31	19	9	9	X		X	BOTT
ALBERNI INLET	A-16	49	14.48	124	49.02	62	10	31	21	7	7	X		X	BOTT
ALBERNI INLET	A-17	49	14.48	124	48.87	62	10	31	21	6	6	X		X	BOTT
ALBERNI INLET	A-18	49	14.57	124	48.87	62	10	31	22	5	6	X		X	BOTT
ALBERNI INLET	A-19	49	14.57	124	48.98	62	10	31	22	3	4	X		X	BOTT
ALBERNI INLET	A-20	49	14.47	124	49.30	62	10	31	23	4	4	X		X	BOTT
ALBERNI INLET	A-21	49	14.58	124	49.33	62	10	31	23	1	2	X		X	BOTT
ALBERNI INLET	A-22	49	14.84	124	49.02	62	11	01	00	4	4	X			BOTT
ALBERNI INLET	A-13	49	13.9	124	49.0	62	11	01	00	17	17	X		X	BOTT
ALBERNI INLET	A-9	49	13.4	124	49.0	62	11	01	02	20	22	X		X	BOTT
ALBERNI INLET	A-10	49	13.3	124	49.5	62	11	01	03	18	18	X		X	BOTT

BOTTLE/CTD DATA SET NUMBER: 62-0030B
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MUCHALAT INLET	M-1	49	35.7	126	34.5	62	11	01	16	80	88	X		X	BOTT		
MUCHALAT INLET	M-2	49	37.0	126	30.5	62	11	01	18	150	157	X		X	BOTT		
MUCHALAT INLET	M-3	49	39.4	126	27.9	62	11	01	19	190	198	X		X	BOTT		
MUCHALAT INLET	M-4	49	38.5	126	20.9	62	11	01	20	200	282	X		X	BOTT		
MUCHALAT INLET	M-5	49	38.9	126	14.9	62	11	01	22	300	358	X		X	BOTT		
MUCHALAT INLET	M-6	49	39.7	126	11.0	62	11	01	23	300	353	X		X	BOTT		
MUCHALAT INLET	M-7	49	40.0	126	09.0	62	11	02	01	298	358	X		X	BOTT		
MUCHALAT INLET	M-8	49	40.0	126	07.0	62	11	02	02	250	274	X		X	BOTT		
MUCHALAT INLET	M-9	49	38.2	126	05.0	62	11	02	17	150	154	X		X	BOTT		
MUCHALAT INLET	M-10	49	37.3	126	03.4	62	11	02	18	100	113	X		X	BOTT		
MUCHALAT INLET	M-11	49	40.4	126	07.4	62	11	02	20	50	55	X		X	BOTT		
MUCHALAT INLET	M-11A	49	40.4	126	07.4	62	11	04	02	50	55	X		X	BOTT		
QUATSINO SOUND	Q-3	50	28.8	127	47.4	62	11	04	15	119	146	X		X	BOTT		
QUATSINO SOUND	Q-4	50	31.2	127	40.7	62	11	04	17		124	X		X	BOTT		
QUATSINO SOUND	Q-5	50	31.5	127	37.3	62	11	04	18	90	95	X		X	BOTT		
QUATSINO SOUND	Q-6	50	32.0	127	35.8	62	11	04	19	40	44	X		X	BOTT		
QUATSINO SOUND	Q-7	50	33.8	127	33.2	62	11	04	20	135	139	X		X	BOTT		
QUATSINO SOUND	Q-8	50	35.2	127	35.4	62	11	04	22	120	126	X		X	BOTT		
QUATSINO SOUND	Q-10	50	35.4	127	40.6	62	11	04	23	100	117	X		X	BOTT		
QUATSINO SOUND	Q-11	50	36.3	127	48.3	62	11	05	00	48	75	X		X	BOTT		
QUATSINO SOUND	Q-12	50	38.3	127	58.1	62	11	05	01	50	58	X		X	BOTT		
QUATSINO SOUND	Q-9	50	35.8	127	34.7	62	11	05	16	19	75	X		X	BOTT		
QUATSINO SOUND	Q-14	50	35.4	127	26.4	62	11	05	17	50	66	X		X	BOTT		
QUATSINO SOUND	Q-13	50	34.8	127	30.7	62	11	05	18	130	132	X		X	BOTT		
QUATSINO SOUND	Q-15	50	29.8	127	34.8	62	11	05	20	70	121	X		X	BOTT		
QUATSINO SOUND	Q-16	50	27.8	127	32.2	62	11	05	21	179	183	X		X	BOTT		
QUATSINO SOUND	Q-20	50	22.0	127	26.5	62	11	05	23	50	51	X		X	BOTT		
QUATSINO SOUND	Q-19	50	23.0	127	27.4	62	11	06	00	50	59	X		X	BOTT		
QUATSINO SOUND	Q-18	50	24.3	127	29.3	62	11	06	02	98	121	X		X	BOTT		
QUATSINO SOUND	Q-17	50	26.0	127	30.3	62	11	06	03	137	179	X		X	BOTT		
QUATSINO SOUND	Q-2	50	28.4	127	55.2	62	11	06	05	180	205	X		X	BOTT		
QUATSINO SOUND	Q-1	50	23.5	128	04.5	62	11	06	07	70	81	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0031
YEAR:1962 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	27.00	127	15.00	62	03	28	18	1737	2548		X	X	BOTT		
B. C. OFFSHORE	2	48	13.00	127	24.50	62	03	29	16	2398	2580		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0032
YEAR:1962 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	20.00	124	50.00	62	05	23	04	50	64	X		X	BOTT		
B. C. OFFSHORE	2	48	10.00	125	30.00	62	05	23	09	125	138	X		X	BOTT		
B. C. OFFSHORE	3	48	5.00	126	0.00	62	05	23	11	1190	1389	X		X	BOTT		
B. C. OFFSHORE	4	47	45.00	127	25.00	62	05	23	21	1190	2596	X		X	BOTT		
B. C. OFFSHORE	5	47	17.00	129	2.00	62	05	24	05	1154	2450	X		X	BOTT		
B. C. OFFSHORE	39	48	10.00	131	46.00	62	06	04	15	1133		X		X	BOTT		
B. C. OFFSHORE	40	48	15.00	130	0.00	62	06	04	22	1132		X		X	BOTT		
B. C. OFFSHORE	41	48	20.00	127	57.00	62	06	05	06	1180		X		X	BOTT		
B. C. OFFSHORE	42	48	25.00	127	0.00	62	06	05	11	1176		X		X	BOTT		
B. C. OFFSHORE	43	48	27.00	126	0.00	62	06	05	15	150	173	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0033
YEAR:1962 VESSEL/AGENCY: OSHAWA,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	3	48	8.50	125	49.00	62	07	13	15	430	1100	X		X	BOTT		
B. C. OFFSHORE	4	48	26.00	124	51.00	62	07	14	00	130	300	X		X	BOTT		
B. C. OFFSHORE	5	48	32.50	124	47.00	62	07	14	04	105	161	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0034A
YEAR:1962 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	3	48	26.90	124	47.30	62	01	24	12	174	280	X		X	BOTT		
B. C. OFFSHORE	4	48	21.20	124	58.70	62	01	24	15	160	210	X		X	BOTT		
B. C. OFFSHORE	5	48	15.20	125	9.60	62	01	24	18	93	118	X		X	BOTT		
B. C. OFFSHORE	6	48	8.80	125	22.10	62	01	24	22	99	140	X		X	BOTT		
B. C. OFFSHORE	7	48	1.30	125	36.70	62	01	25	00	173	208	X		X	BOTT		
B. C. OFFSHORE	8	47	53.70	125	50.20	62	01	25	03	1048	1554	X		X	BOTT		
B. C. OFFSHORE	9	48	17.60	125	44.30	62	01	25	10	144	168	X		X	BOTT		
B. C. OFFSHORE	10	48	37.70	125	38.70	62	01	25	15	39	58	X		X	BOTT		
B. C. OFFSHORE	11	48	52.50	125	34.60	62	01	25	18	40	46	X		X	BOTT		
B. C. OFFSHORE	12	48	48.10	125	45.70	62	01	25	20	50	62	X		X	BOTT		
B. C. OFFSHORE	13	48	43.20	125	55.00	62	01	25	23	59	72	X		X	BOTT		
B. C. OFFSHORE	14	48	40.30	125	59.40	62	01	26	00	79	104	X		X	BOTT		
B. C. OFFSHORE	15	48	38.00	126	3.70	62	01	26	01	122	122	X		X	BOTT		
B. C. OFFSHORE	16	48	35.00	126	10.00	62	01	26	03	170	293	X		X	BOTT		
B. C. OFFSHORE	17	48	32.80	126	13.60	62	01	26	05	471	497	X		X	BOTT		
B. C. OFFSHORE	18	48	30.00	126	21.10	62	01	26	08	743	1006	X		X	BOTT		
B. C. OFFSHORE	19	48	25.40	126	30.00	62	01	26	11	1075	1372	X		X	BOTT		
B. C. OFFSHORE	20	48	20.90	126	37.70	62	01	26	14	975	1829	X		X	BOTT		
B. C. OFFSHORE	21	48	9.70	126	36.70	62	01	26	19	125	2505	X		X	BOTT		
B. C. OFFSHORE	22	47	33.20	126	40.80	62	01	27	03	2171	2377	X		X	BOTT		
B. C. OFFSHORE	92	47	53.90	125	53.40	62	02	06	15	989	1573	X		X	BOTT		
B. C. OFFSHORE	93	48	0.90	125	37.90	62	02	06	19	167	210	X		X	BOTT		
B. C. OFFSHORE	94	48	8.30	125	21.90	62	02	06	21	98	118	X		X	BOTT		
B. C. OFFSHORE	95	48	14.20	125	10.30	62	02	06	23	98	210	X		X	BOTT		
B. C. OFFSHORE	96	48	20.30	124	59.70	62	02	07	01	157	256	X		X	BOTT		
B. C. OFFSHORE	97	48	28.10	124	48.40	62	02	07	04	73	265	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0034B
YEAR:1962 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	99	48	27.00	124	51.00	62	03	28	11	173	331	X		X	BOTT	
B. C. OFFSHORE	100	48	52.00	125	35.00	62	03	28	16	30	44	X		X	BOTT	
B. C. OFFSHORE	101	48	47.00	125	45.00	62	03	28	18	50	66	X		X	BOTT	
B. C. OFFSHORE	102	48	43.00	125	55.00	62	03	28	20	50	73	X		X	BOTT	
B. C. OFFSHORE	103	48	40.00	126	0.00	62	03	28	21	74	95	X		X	BOTT	
B. C. OFFSHORE	104	48	37.00	126	5.00	62	03	28	22	124	137	X		X	BOTT	
B. C. OFFSHORE	105	48	35.00	126	10.00	62	03	28	23	297	402	X		X	BOTT	
B. C. OFFSHORE	106	48	32.00	126	15.00	62	03	29	01	492	677	X		X	BOTT	
B. C. OFFSHORE	107	48	30.00	126	20.00	62	03	29	03	481	823	X		X	BOTT	
B. C. OFFSHORE	108	48	25.00	126	29.00	62	03	29	06	1089	1390	X		X	BOTT	
B. C. OFFSHORE	109	48	20.00	126	39.00	62	03	29	08	1673	1829	X		X	BOTT	
B. C. OFFSHORE	110	47	59.00	126	10.00	62	03	29	16	1668	1866	X		X	BOTT	
B. C. OFFSHORE	111	47	51.00	126	30.00	62	03	29	20	173	2149	X		X	BOTT	
B. C. OFFSHORE	112	47	42.00	127	0.00	62	03	29	23	2285	2472	X		X	BOTT	
B. C. OFFSHORE	178	47	55.00	126	9.00	62	04	10	21	1666	1878	X		X	BOTT	
B. C. OFFSHORE	179	48	5.00	125	32.00	62	04	11	01	124	165	X		X	BOTT	
B. C. OFFSHORE	180	48	27.00	125	37.00	62	04	11	05	99	104	X		X	BOTT	
B. C. OFFSHORE	181	48	10.00	125	11.00	62	04	11	08	267	292	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 62-0035A
YEAR:1962 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	197	48	28.90	124	45.30	62	06	08	22	243	263	X		X	BOTT	
B. C. OFFSHORE	198	48	23.80	124	52.80	62	06	09	00	231	388	X		X	BOTT	
B. C. OFFSHORE	199	48	18.10	124	58.00	62	06	09	02	215	357	X		X	BOTT	
B. C. OFFSHORE	203	48	7.70	125	21.00	62	06	09	13	139	139	X		X	BOTT	
B. C. OFFSHORE	204	48	6.40	125	18.00	62	06	09	14	217	247	X		X	BOTT	
B. C. OFFSHORE	207	48	49.30	125	21.30	62	06	09	20	237	600	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 62-0035B
YEAR:1962 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	400	47	32.00	129	36.00	62	08	12	17	235	2743	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 62-0035C
YEAR:1962 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	409	48	30.00	124	45.00	62	09	15	16	203	265	X		X	BOTT	

B. C. OFFSHORE	410	48	19.00	124	57.00	62	09	15	19	247	347	X		X	BOTT		
B. C. OFFSHORE	415	48	31.00	126	58.00	62	09	16	18	2479	2532	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0036
YEAR:1962 VESSEL/AGENCY: MACMILLAN.BLOEDEL,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
ALBERNI INLET	HI	49	13.72	124	49.47	62	01	04	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	02	08	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	03	08	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	04	05	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	04	19	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	05	03	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	05	17	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	05	31	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	06	14	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	07	05	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	07	12	16	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	07	19	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	07	26	16	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	08	02	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	08	16	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	08	23	14	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	08	30	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	09	13	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	09	27	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	10	04	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	10	17	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	10	24	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	10	31	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	11	07	16	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	62	12	12	20	10	10	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0037
YEAR:1962 VESSEL/AGENCY: BERTHA ANN(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	42	47	55.00	130	25.00	62	04	10	04	1076		X		X	BOTT		
B. C. OFFSHORE	43	48	11.00	127	35.00	62	04	10	16	1044		X		X	BOTT		
B. C. OFFSHORE	44	48	15.00	126	31.00	62	04	10	21	1091		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0038
YEAR:1962 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	48	14.00	125	41.00	62	04	15	07	275	292	X		X	BOTT		
B. C. OFFSHORE	2	48	8.00	126	17.00	62	04	15	11	300	1463	X		X	BOTT		
B. C. OFFSHORE	3	48	1.00	127	0.00	62	04	15	15	50	2560	X		X	BOTT		
B. C. OFFSHORE	4	48	3.00	126	55.00	62	04	16	00	300	2286	X		X	BOTT		
B. C. OFFSHORE	5	48	8.00	126	53.00	62	04	16	13	100	2377	X		X	BOTT		
B. C. OFFSHORE	6	48	4.00	127	4.00	62	04	16	18	278	2523	X		X	BOTT		
B. C. OFFSHORE	7	48	9.00	127	3.00	62	04	16	22	289	2523	X		X	BOTT		
B. C. OFFSHORE	8	48	6.00	127	2.00	62	04	17	02	300	2523	X		X	BOTT		

B. C. OFFSHORE	9	48	9.00	126	17.00	62	04	17	09	300	1463	X		X	BOTT		
B. C. OFFSHORE	10	48	12.00	126	1.00	62	04	17	11	292	950	X		X	BOTT		
B. C. OFFSHORE	11	48	16.00	125	41.00	62	04	17	13	123	146	X		X	BOTT		
B. C. OFFSHORE	12	48	16.00	126	1.00	62	04	17	21	292	603	X		X	BOTT		
B. C. OFFSHORE	13	48	19.00	125	59.00	62	04	18	02	290	713	X		X	BOTT		
B. C. OFFSHORE	14	48	26.00	125	20.00	62	04	18	07	150	164	X		X	BOTT		
B. C. OFFSHORE	15	48	26.00	125	25.00	62	04	18	16	125	155	X		X	BOTT		
B. C. OFFSHORE	16	48	27.00	125	13.00	62	04	18	20	125	151	X		X	BOTT		
B. C. OFFSHORE	17	48	30.00	125	6.00	62	04	18	22	125	149	X		X	BOTT		
B. C. OFFSHORE	18	48	29.00	125	8.00	62	04	19	06	116	137	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0039
YEAR:1962 VESSEL/AGENCY: ACONA(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	78	48	42.90	128	1.80	62	04	04	10	1006		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0041
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG-PNL

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	49	0.00	127	29.00	62	11	18	16	298	2057	X		X	BOTT		
B. C. OFFSHORE	2	49	0.00	127	30.00	62	11	18	20	298	2048	X		X	BOTT		
B. C. OFFSHORE	3	48	50.00	126	31.00	62	11	19	02	160	215	X		X	BOTT		
B. C. OFFSHORE	4	48	49.00	126	31.00	62	11	20	20	197	224	X		X	BOTT		
B. C. OFFSHORE	5	48	49.00	126	31.00	62	11	21	01	190	213	X		X	BOTT		
B. C. OFFSHORE	6	48	49.00	126	31.00	62	11	21	08	200	213	X		X	BOTT		
B. C. OFFSHORE	7	48	49.00	126	31.00	62	11	21	16	189	223	X		X	BOTT		
B. C. OFFSHORE	8	48	49.00	126	31.00	62	11	21	20	190	224	X		X	BOTT		
B. C. OFFSHORE	9	48	40.00	126	18.00	62	11	22	01	298	526	X		X	BOTT		
B. C. OFFSHORE	10	48	40.00	126	18.00	62	11	22	16	300	526	X		X	BOTT		
B. C. OFFSHORE	11	48	41.00	126	16.00	62	11	22	20	298	365	X		X	BOTT		
B. C. OFFSHORE	12	48	40.00	126	18.00	62	11	23	01	297	358	X		X	BOTT		
B. C. OFFSHORE	13	48	40.00	126	18.00	62	11	23	16	295	400	X		X	BOTT		
B. C. OFFSHORE	14	48	42.00	126	21.00	62	11	23	20	198	658	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0011B
YEAR:1963 VESSEL/AGENCY: WHITETHROAT,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	2	49	12.40	125	36.50	63	06	03	16	95	106	X		X	BOTT		
B. C. OFFSHORE	3	49	12.10	125	38.40	63	06	03	17	100	135	X		X	BOTT		
B. C. OFFSHORE	4	49	21.40	125	57.40	63	06	04	01	140	146	X		X	BOTT		
B. C. OFFSHORE	6	49	51.80	126	39.60	63	06	05	00	175	201	X		X	BOTT		
B. C. OFFSHORE	7	49	52.00	126	51.60	63	06	05	14	200	218	X		X	BOTT		
B. C. OFFSHORE	8	50	4.20	127	12.20	63	06	05	22	74	210	X		X	BOTT		
B. C. OFFSHORE	9	50	25.80	127	30.50	63	06	06	17	150	172	X		X	BOTT		
B. C. OFFSHORE	10	50	35.20	127	36.50	63	06	06	19	140	154	X		X	BOTT		
B. C. OFFSHORE	11	50	28.30	127	54.30	63	06	06	23	200	220	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0022
YEAR:1963 VESSEL/AGENCY: MACMILLAN BLOEDEL,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	HI	49	13.72	124	49.47	63	01	09	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	02	13	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	03	13	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	04	10	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	05	23	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	06	20	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	07	04	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	07	18	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	08	01	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	08	08	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	08	15	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	08	22	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	09	05	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	09	12	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	09	19	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	09	27	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	10	03	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	10	17	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	10	31	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	11	28	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	63	12	19	21	10	10	X	X		BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0023A
YEAR:1963 VESSEL/AGENCY: OSHAWA,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B.C. OFFSHORE	2	49	20.0	126	33.0	63	03	13	12	50	73	X		X	BOTT		
B.C. OFFSHORE	3	49	16.0	126	50.0	63	03	13	14	130		X		X	BOTT		
B.C. OFFSHORE	4	49	8.0	127	9.0	63	03	13	16	995	1298	X		X	BOTT		
B.C. OFFSHORE	5	48	57.0	127	31.0	63	03	13	20	1743	2103	X		X	BOTT		
B.C. OFFSHORE	6	48	44.0	128	0.0	63	03	14	01	1481		X		X	BOTT		
B.C. OFFSHORE	7	48	14.0	128	0.0	63	03	14	06	1707	2651	X		X	BOTT		
B.C. OFFSHORE	8	48	14.0	128	32.0	63	03	14	11	1613	2560	X		X	BOTT		
B.C. OFFSHORE	9	48	14.0	129	18.0	63	03	14	18	1662	2834	X		X	BOTT		
B.C. OFFSHORE	10	47	49.0	130	0.0	63	03	15	12	1698		X		X	BOTT		
B.C. OFFSHORE	11	47	2.0	130	0.0	63	03	15	20	1582		X		X	BOTT		
B.C. OFFSHORE	57	47	14.0	127	33.0	63	03	24	09	1714	2560	X		X	BOTT		

B.C. OFFSHORE	58	47	12.0	128	6.0	63	03	24	12	1614	2651	X		X	BOTT		
B.C. OFFSHORE	59	47	17.0	129	5.0	63	03	24	19	294	2651	X		X	BOTT		
B.C. OFFSHORE	60	48	12.0	130	0.0	63	03	25	03	2380	2834	X		X	BOTT		
B.C. OFFSHORE	61	48	14.0	129	18.0	63	03	25	09	1786	2286	X		X	BOTT		
B.C. OFFSHORE	62	48	14.0	128	30.0	63	03	25	14	1724	2468	X		X	BOTT		
B.C. OFFSHORE	63	48	14.0	128	0.0	63	03	25	18	1752	2560	X		X	BOTT		
B.C. OFFSHORE	64	48	15.0	127	32.0	63	03	25	22	1744	2560	X		X	BOTT		
B.C. OFFSHORE	65	48	14.0	127	3.0	63	03	26	01	150	2560	X		X	BOTT		
B.C. OFFSHORE	66	48	14.0	126	35.0	63	03	26	04	2170	2377	X		X	BOTT		
B.C. OFFSHORE	67	48	14.0	126	6.0	63	03	26	08	1041	1372	X		X	BOTT		
B.C. OFFSHORE	68	48	14.0	125	37.0	63	03	26	11	150	155	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0024A
YEAR:1963 VESSEL/AGENCY: OSHAWA,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	2	47	50.00	127	35.00	63	02	28	00	2485	2580		X	X	BOTT		
B. C. OFFSHORE	3	48	8.00	125	50.00	63	03	01	16	412	1015		X	X	BOTT		
B. C. OFFSHORE	4	48	30.00	125	5.00	63	03	02	16	23	146		X	X	BOTT		
B. C. OFFSHORE	6	48	33.60	124	51.00	63	03	03	16	76	95		X	X	BOTT		
B. C. OFFSHORE	7	48	26.00	124	51.00	63	03	03	20	106	247		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0024B
YEAR:1963 VESSEL/AGENCY: OSHAWA,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	47	59.50	127	29.50	63	05	08	18	2398	2616	X		X	BOTT		
B. C. OFFSHORE	2	48	8.00	125	49.00	63	05	10	18	599	1097	X		X	BOTT		
B. C. OFFSHORE	3	48	30.00	125	5.00	63	05	11	02	100	146	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0026A
YEAR:1963 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	27.00	124	51.00	63	02	28	14	243	288	X		X	BOTT		
B. C. OFFSHORE	3	48	14.00	125	1.00	63	02	28	21	251	293	X		X	BOTT		
B. C. OFFSHORE	4	48	14.00	125	16.00	63	03	01	01	117	128	X		X	BOTT		
B. C. OFFSHORE	5	48	14.00	125	29.00	63	03	01	05	98	123	X		X	BOTT		
B. C. OFFSHORE	6	48	13.00	125	46.00	63	03	01	11	290	475	X		X	BOTT		
B. C. OFFSHORE	7	48	14.00	126	1.00	63	03	01	15	291	860	X		X	BOTT		
B. C. OFFSHORE	8	48	14.00	126	15.00	63	03	01	18	936	1189	X		X	BOTT		
B. C. OFFSHORE	9	48	15.00	126	30.00	63	03	01	22	299	2067	X		X	BOTT		
B. C. OFFSHORE	10	48	14.00	126	46.00	63	03	02	01	2562	2651	X		X	BOTT		
B. C. OFFSHORE	11	48	15.00	127	0.00	63	03	02	05	289	2514	X		X	BOTT		
B. C. OFFSHORE	12	48	14.00	127	14.00	63	03	02	09	1776	2578	X		X	BOTT		
B. C. OFFSHORE	13	48	14.00	127	30.00	63	03	02	13	49	2560	X		X	BOTT		
B. C. OFFSHORE	14	48	13.00	127	45.00	63	03	02	16	1678	2496	X		X	BOTT		
B. C. OFFSHORE	15	48	14.00	127	58.00	63	03	02	22	1764	2500	X		X	BOTT		
B. C. OFFSHORE	16	47	14.00	128	0.00	63	03	03	10	1785	2553	X		X	BOTT		
B. C. OFFSHORE	17	47	14.00	127	45.00	63	03	03	14	284	2615	X		X	BOTT		
B. C. OFFSHORE	18	47	14.00	127	29.00	63	03	03	16	1757	2561	X		X	BOTT		
B. C. OFFSHORE	102	47	16.00	127	58.00	63	03	18	06	1767	2651	X		X	BOTT		
B. C. OFFSHORE	103	48	14.00	127	59.00	63	03	18	16	1737	2605	X		X	BOTT		

B. C. OFFSHORE	104	48	29.00	128	0.00	63	03	18	21	198	2487	X		X	BOTT	
B. C. OFFSHORE	105	48	44.00	128	0.00	63	03	18	23	1763		X		X	BOTT	
B. C. OFFSHORE	106	49	2.00	127	17.00	63	03	19	07	1660	2012	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 63-0026B
YEAR:1963 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	1	48	27.00	124	51.00	63	03	29	12	218	281	X		X	BOTT	
B. C. OFFSHORE	2	48	14.00	125	23.00	63	03	30	00	92	113	X		X	BOTT	
B. C. OFFSHORE	3	47	50.00	125	57.00	63	03	30	07	1542	1646	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 63-0026C
YEAR:1963 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	4	48	10.00	125	30.00	63	04	17	00	130	140	X		X	BOTT	
B. C. OFFSHORE	1	48	42.00	125	11.00	63	04	17	16	49	70	X		X	BOTT	
B. C. OFFSHORE	2	48	35.00	125	20.00	63	04	17	18	49	119	X		X	BOTT	
B. C. OFFSHORE	3	48	22.00	125	26.00	63	04	17	22	99	128	X		X	BOTT	
B. C. OFFSHORE	5	47	59.00	125	48.00	63	04	18	03	773	875	X		X	BOTT	
B. C. OFFSHORE	24	47	14.00	127	31.00	63	04	20	14	298	2606	X		X	BOTT	
B. C. OFFSHORE	25	47	14.00	127	45.00	63	04	20	16	292	2606	X		X	BOTT	
B. C. OFFSHORE	26	47	13.00	128	0.00	63	04	20	18	1633	2651	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 63-0026D
YEAR:1963 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	98	47	54.00	126	12.00	63	05	14	17	296	1783	X		X	BOTT	
B. C. OFFSHORE	99	47	50.00	126	25.00	63	05	14	20	295	2195	X		X	BOTT	
B. C. OFFSHORE	100	47	31.00	127	1.00	63	05	15	02	296	2487	X		X	BOTT	
B. C. OFFSHORE	101	47	15.00	127	34.00	63	05	15	07	295	2560	X		X	BOTT	
B. C. OFFSHORE	102	47	0.00	128	10.00	63	05	15	14	1737	2652	X		X	BOTT	
B. C. OFFSHORE	103	46	51.00	128	33.00	63	05	15	20	292	2698	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 63-0026E
YEAR:1963 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B. C. OFFSHORE	127	47	36.00	126	32.00	63	06	03	10	195	1737	X		X	BOTT	
B. C. OFFSHORE	128	47	42.00	126	20.00	63	06	03	12	1763	2341	X		X	BOTT	
B. C. OFFSHORE	129	47	48.00	126	8.00	63	06	03	15	197	1237	X		X	BOTT	

B. C. OFFSHORE	130	47	53.00	125	56.00	63	06	03	16	193	1591	X		X	BOTT		
B. C. OFFSHORE	131	47	59.00	125	44.00	63	06	03	18	193	980	X		X	BOTT		
B. C. OFFSHORE	132	48	5.00	125	31.00	63	06	03	19	120	146	X		X	BOTT		
B. C. OFFSHORE	133	48	10.00	125	20.00	63	06	03	21	89	102	X		X	BOTT		
B. C. OFFSHORE	134	48	16.00	125	7.00	63	06	03	22	99	113	X		X	BOTT		
B. C. OFFSHORE	135	48	22.00	124	55.00	63	06	04	00	99	247	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0026F
YEAR:1963 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	11	48	29.00	124	45.50	63	06	14	18	244	273	X		X	BOTT		
B. C. OFFSHORE	12	48	21.10	124	53.60	63	06	14	19	281	324	X		X	BOTT		
B. C. OFFSHORE	13	48	13.80	125	1.40	63	06	14	22	240	314	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0026G
YEAR:1963 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	223	48	16.10	125	2.10	63	10	25	19	244	278	X		X	BOTT		
B. C. OFFSHORE	224	48	23.10	124	53.00	63	10	25	20	246	329	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0027
YEAR:1963 VESSEL/AGENCY: G.B. KELEZ(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	57.00	129	36.00	63	05	01	14	2117		X		X	BOTT		
B. C. OFFSHORE	2	49	14.00	129	2.00	63	05	01	21	2240		X		X	BOTT		
B. C. OFFSHORE	3	49	35.00	128	30.00	63	05	02	03	2142		X		X	BOTT		
B. C. OFFSHORE	4	49	48.00	128	11.00	63	05	02	15	1843		X		X	BOTT		
B. C. OFFSHORE	5	49	55.00	128	1.00	63	05	02	21	479		X		X	BOTT		
B. C. OFFSHORE	6	50	0.00	127	53.00	63	05	03	00	172		X		X	BOTT		
B. C. OFFSHORE	7	49	43.00	127	5.00	63	05	03	13	60		X		X	BOTT		
B. C. OFFSHORE	8	49	35.00	127	19.00	63	05	03	16	169		X		X	BOTT		
B. C. OFFSHORE	9	49	32.00	127	23.00	63	05	03	18	854		X		X	BOTT		
B. C. OFFSHORE	10	49	24.00	127	36.00	63	05	03	21	1443		X		X	BOTT		
B. C. OFFSHORE	11	49	11.00	127	59.00	63	05	04	14	2286		X		X	BOTT		
B. C. OFFSHORE	12	48	52.00	128	30.00	63	05	04	20	2151		X		X	BOTT		
B. C. OFFSHORE	13	48	30.00	128	0.00	63	05	06	14	2233		X		X	BOTT		
B. C. OFFSHORE	14	48	50.00	127	27.00	63	05	06	21	2176		X		X	BOTT		
B. C. OFFSHORE	15	48	59.00	127	13.00	63	05	07	16	1840		X		X	BOTT		
B. C. OFFSHORE	16	49	4.00	127	5.00	63	05	07	19	890		X		X	BOTT		
B. C. OFFSHORE	17	49	10.00	126	53.00	63	05	07	22	180		X		X	BOTT		
B. C. OFFSHORE	18	49	20.00	126	37.00	63	05	08	00	58		X		X	BOTT		
B. C. OFFSHORE	19	49	1.00	126	3.00	63	05	08	13	53		X		X	BOTT		
B. C. OFFSHORE	20	48	49.00	126	24.00	63	05	08	17	180		X		X	BOTT		
B. C. OFFSHORE	21	48	42.00	126	34.00	63	05	08	19	896		X		X	BOTT		
B. C. OFFSHORE	22	48	34.00	126	49.00	63	05	08	22	1815		X		X	BOTT		
B. C. OFFSHORE	23	48	24.00	127	0.00	63	05	10	02	1808		X		X	BOTT		
B. C. OFFSHORE	24	48	6.00	127	32.00	63	05	10	13	1811		X		X	BOTT		
B. C. OFFSHORE	25	48	7.00	126	45.00	63	05	10	19	1810		X		X	BOTT		
B. C. OFFSHORE	26	48	7.00	126	24.00	63	05	10	23	1797		X		X	BOTT		
B. C. OFFSHORE	27	48	16.00	126	9.00	63	05	11	02	889		X		X	BOTT		

B. C. OFFSHORE	28	48	25.00	125	55.00	63	05	11	13	179		X		X	BOTT		
B. C. OFFSHORE	29	48	34.00	125	37.00	63	05	11	15	65		X		X	BOTT		
B. C. OFFSHORE	30	48	45.00	125	16.00	63	05	11	17	55		X		X	BOTT		
B. C. OFFSHORE	31	48	30.00	124	46.00	63	05	11	21	269		X		X	BOTT		
B. C. OFFSHORE	32	48	14.00	125	11.00	63	05	12	00	160		X		X	BOTT		
B. C. OFFSHORE	36	47	45.00	125	20.00	63	05	12	22	1805		X		X	BOTT		
B. C. OFFSHORE	37	47	45.00	127	0.00	63	05	13	16	1812		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0028
YEAR:1963 VESSEL/AGENCY: G.B. KELEZ(US)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	18	46	45.00	129	10.00	63	11	02	15	2508		X		X	BOTT		
B. C. OFFSHORE	32	47	45.00	126	16.00	63	11	09	16	1516		X		X	BOTT		
B. C. OFFSHORE	33	47	45.00	126	47.00	63	11	09	21	2171		X		X	BOTT		
B. C. OFFSHORE	34	47	45.00	127	25.00	63	11	10	02	2558		X		X	BOTT		
B. C. OFFSHORE	35	48	0.00	126	46.00	63	11	10	15	2406		X		X	BOTT		
B. C. OFFSHORE	36	48	8.00	126	23.00	63	11	10	19	1808		X		X	BOTT		
B. C. OFFSHORE	37	48	15.00	126	10.00	63	11	10	23	30		X		X	BOTT		
B. C. OFFSHORE	38	48	24.00	125	54.00	63	11	11	15	169		X		X	BOTT		
B. C. OFFSHORE	39	48	35.00	125	34.00	63	11	11	18	110		X		X	BOTT		
B. C. OFFSHORE	40	48	45.00	125	17.00	63	11	11	21	50		X		X	BOTT		
B. C. OFFSHORE	42	48	4.00	125	36.00	63	11	13	15	178		X		X	BOTT		
B. C. OFFSHORE	43	48	18.00	125	10.00	63	11	13	18	151		X		X	BOTT		
B. C. OFFSHORE	44	49	2.00	126	3.00	63	11	14	00	55		X		X	BOTT		
B. C. OFFSHORE	45	48	56.00	126	14.00	63	11	14	02	119		X		X	BOTT		
B. C. OFFSHORE	46	48	50.00	126	24.00	63	11	14	15	184		X		X	BOTT		
B. C. OFFSHORE	47	48	43.00	126	35.00	63	11	14	17	910		X		X	BOTT		
B. C. OFFSHORE	48	48	34.00	126	50.00	63	11	14	20	1670		X		X	BOTT		
B. C. OFFSHORE	49	48	20.00	127	13.00	63	11	15	00	2461		X		X	BOTT		
B. C. OFFSHORE	50	48	4.00	127	40.00	63	11	16	01	2307		X		X	BOTT		
B. C. OFFSHORE	51	47	47.00	128	8.00	63	11	16	15	2352		X		X	BOTT		
B. C. OFFSHORE	52	48	13.00	128	34.00	63	11	16	23	1078		X		X	BOTT		
B. C. OFFSHORE	53	48	29.00	128	5.00	63	11	17	03	2374		X		X	BOTT		
B. C. OFFSHORE	54	48	45.00	127	36.00	63	11	17	15	2150		X		X	BOTT		
B. C. OFFSHORE	55	48	55.00	127	17.00	63	11	17	19	1801		X		X	BOTT		
B. C. OFFSHORE	56	49	3.00	127	4.00	63	11	17	23	911		X		X	BOTT		
B. C. OFFSHORE	57	49	10.00	126	53.00	63	11	18	15	184		X		X	BOTT		
B. C. OFFSHORE	58	49	15.00	126	45.00	63	11	18	17	119		X		X	BOTT		
B. C. OFFSHORE	59	49	20.00	126	37.00	63	11	18	18	55		X		X	BOTT		
B. C. OFFSHORE	60	49	44.00	127	4.00	63	11	18	22	65		X		X	BOTT		
B. C. OFFSHORE	61	49	40.00	127	11.00	63	11	18	23	120		X		X	BOTT		
B. C. OFFSHORE	62	49	36.00	127	18.00	63	11	19	16	178		X		X	BOTT		
B. C. OFFSHORE	63	50	2.00	127	54.00	63	11	19	21	176		X		X	BOTT		
B. C. OFFSHORE	64	50	1.00	127	58.00	63	11	19	23	878		X		X	BOTT		
B. C. OFFSHORE	65	49	56.00	128	7.00	63	11	20	00	1095		X		X	BOTT		
B. C. OFFSHORE	66	49	43.00	128	30.00	63	11	20	15	2041		X		X	BOTT		
B. C. OFFSHORE	67	49	26.00	129	0.00	63	11	20	22	2077		X		X	BOTT		
B. C. OFFSHORE	68	49	10.00	129	30.00	63	11	21	09	1960		X		X	BOTT		
B. C. OFFSHORE	69	48	36.00	129	4.00	63	11	21	15	2194		X		X	BOTT		
B. C. OFFSHORE	70	48	52.00	128	37.00	63	11	21	20	2043		X		X	BOTT		
B. C. OFFSHORE	71	49	8.00	128	9.00	63	11	22	00	2060		X		X	BOTT		
B. C. OFFSHORE	72	49	24.00	127	39.00	63	11	22	16	1476		X		X	BOTT		
B. C. OFFSHORE	73	49	30.00	127	29.00	63	11	22	19	894		X		X	BOTT		
B. C. OFFSHORE	74	48	15.00	126	11.00	63	11	23	20	880		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0030
YEAR:1963 VESSEL/AGENCY: OSHAWA,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B.C. OFFSHORE	76	47	43.0	130	0.0	63	06	11	10	2673	2926		X	X	BOTT		
B.C. OFFSHORE	77	47	43.0	128	55.0	63	06	11	15	1417	2578		X	X	BOTT		
B.C. OFFSHORE	78	47	43.0	128	27.0	63	06	11	19	295	2633		X	X	BOTT		

B.C. OFFSHORE	79	47	43.0	127	50.0	63	06	11	21	1659	3017		X	X	BOTT		
B.C. OFFSHORE	80	47	43.0	127	20.0	63	06	12	00	299	2560		X	X	BOTT		
B.C. OFFSHORE	81	47	43.0	126	44.0	63	06	12	02	1658	2377		X	X	BOTT		
B.C. OFFSHORE	82	47	43.0	126	8.0	63	06	12	05	275	1829		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0032
YEAR:1963 VESSEL/AGENCY: OSHAWA,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B.C. OFFSHORE	3	47	40.0	127	20.0	63	12	12	03	2376	2651		X	X	BOTT		
B.C. OFFSHORE	4	47	30.0	128	50.0	63	12	12	12	1922	2560		X	X	BOTT		
B.C. OFFSHORE	5	47	23.5	130	12.0	63	12	12	20	1987	2743		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0010
YEAR:1964 VESSEL/AGENCY: ACONA(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	4	48	30.00	129	41.00	64	09	23	00	1358	2421	X		X	BOTT		
B. C. OFFSHORE	2	48	29.10	125	11.80	64	09	23	00	100	135	X		X	BOTT		
B. C. OFFSHORE	3	48	29.50	128	13.00	64	09	23	21	1400	1464	X		X	BOTT		
B. C. OFFSHORE	5	48	30.80	129	41.80	64	09	24	06	1395	2366	X		X	BOTT		
B. C. OFFSHORE	6	48	29.00	131	39.80	64	09	24	19	149	2926	X		X	BOTT		
B. C. OFFSHORE	7	49	17.50	132	30.00	64	09	25	20	600	2560	X		X	BOTT		
B. C. OFFSHORE	8	50	30.00	133	29.00	64	09	26	03	1328	3109	X		X	BOTT		
B. C. OFFSHORE	9	51	4.70	132	2.00	64	09	26	13	1392	2560	X		X	BOTT		
B. C. OFFSHORE	10	51	32.30	130	40.00	64	09	26	23	1113	1646	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0026A
YEAR:1964 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	2	48	10.00	125	21.00	64	02	12	16	98	119	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0026B
YEAR:1964 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	4	47	33.50	126	48.50	64	05	20	06	1499	2406	X		X	BOTT		
B. C. OFFSHORE	5	47	33.80	128	22.70	64	05	20	18	2128	2617	X		X	BOTT		
B. C. OFFSHORE	6	47	35.50	129	24.50	64	05	21	07	1608	2560	X		X	BOTT		
B. C. OFFSHORE	7	47	34.60	130	12.00	64	05	21	19	1624	2850	X		X	BOTT		
B. C. OFFSHORE	8	47	33.50	130	50.00	64	05	22	06	197	2870	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0026C
YEAR:1964 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	3	47	37.50	126	52.00	64	08	09	18	2100	2468	X		X	BOTT		
B. C. OFFSHORE	4	47	41.00	128	29.00	64	08	10	06	1793	2651	X		X	BOTT		
B. C. OFFSHORE	5	47	42.00	130	6.00	64	08	10	18	2508	2578	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0027A
YEAR:1964 VESSEL/AGENCY: OSHAWA,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
OFF VAN. IS.	1	47	50.0	125	59.0	64	02	15	12	961	1737	X		X	BOTT		
OFF VAN. IS.	6	47	00.0	127	45.0	64	02	18	01	2488	2560	X		X	BOTT		
OFF VAN. IS.	7	46	45.0	128	22.0	64	02	18	06	2587	2651	X		X	BOTT		
OFF VAN. IS.	11	47	00.4	127	44.3	64	02	19	06	2499	2651	X		X	BOTT		
OFF VAN. IS.	15	46	59.0	127	44.0	64	02	20	04	2501	2650	X		X	BOTT		
OFF VAN. IS.	19	47	00.0	127	45.0	64	02	21	07	2361	2620	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0027B
YEAR:1964 VESSEL/AGENCY: OSHAWA,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	267	47	31.5	128	38.5	64	10	17	17	2320	2598		X	X	BOTT		
B.C. OFFSHORE	267	47	31.5	128	38.5	64	10	17	17	2320	2598		X	X	BOTT		
B.C. OFFSHORE	268	46	43.7	129	27.5	64	10	18	18	162			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0028
YEAR:1964 VESSEL/AGENCY: POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
FATTY BASIN	1	48	59.4	125	02.7	64	08	26	13	20		X		X	BOTT		
FATTY BASIN	2	48	59.0	125	01.1	64	08	26	15	20		X		X	BOTT		
FATTY BASIN	3	48	58.9	125	01.3	64	08	26	15	11		X		X	BOTT		
FATTY BASIN	4	48	59.1	125	01.2	64	08	26	15	7		X		X	BOTT		
FATTY BASIN	5	48	58.7	125	01.5	64	08	26	17	20		X		X	BOTT		
FATTY BASIN	1	48	59.4	125	02.7	64	09	01		20		X		X	BOTT		
FATTY BASIN	2	48	59.0	125	01.1	64	09	01		24		X		X	BOTT		
FATTY BASIN	3	48	58.9	125	01.3	64	09	01		11		X		X	BOTT		
FATTY BASIN	4	48	59.1	125	01.2	64	09	01		7		X		X	BOTT		
FATTY BASIN	5	48	58.7	125	01.5	64	09	01		20		X		X	BOTT		
FATTY BASIN	5	48	58.7	125	01.5	64	11	18	09	20		X		X	BOTT		
FATTY BASIN	1	48	59.4	125	02.7	64	11	18	11	25		X		X	BOTT		
FATTY BASIN	2	48	59.0	125	01.1	64	11	18	12	25		X		X	BOTT		
FATTY BASIN	3	48	58.9	125	01.3	64	11	18	13	15		X			BOTT		

FATTY BASIN	4	48 59.1	125 01.2	64 11 18 13	5	X	X	BOTT
FATTY BASIN	6	48 58.2	125 05.0	64 11 18 13	25	X	X	BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 01 27 10	28	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 01 27 11	22	X		BOTT
FATTY BASIN	3	48 58.9	125 01.3	65 01 27 12	18	X	X	BOTT
FATTY BASIN	4	48 59.1	125 01.2	65 01 27 12	16	X	X	BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 01 27 17	30	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 02 02	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 02 10	0	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 02 18	0	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 02 21	25	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 02 24	0	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 04 12	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 04 12	20	X		BOTT
FATTY BASIN	3	48 58.9	125 01.3	65 04 12	13	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 04 12	20	X		BOTT
FATTY BASIN	6	48 58.2	125 05.0	65 04 12	20	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 04 21	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 04 21	20	X		BOTT
FATTY BASIN	3	48 58.9	125 01.3	65 04 21	13	X		BOTT
FATTY BASIN	4	48 59.1	125 01.2	65 04 21	13	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 04 21	25	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 06 03 11	25	X	X	BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 06 03 12	24	X	X	BOTT
FATTY BASIN	3	48 58.9	125 01.3	65 06 03 13	0	X	X	BOTT
FATTY BASIN	4	48 59.1	125 01.2	65 06 03 13	0	X	X	BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 06 03 13	27	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 06 03 15	27	X	X	BOTT
FATTY BASIN	B			65 06 03 15	14	X	X	BOTT
FATTY BASIN	D			65 06 03 16	12	X	X	BOTT
FATTY BASIN	C			65 06 03 16	13	X	X	BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 06 03 17	30	X	X	BOTT
FATTY BASIN	6	48 58.2	125 05.0	65 06 03 17	50	X	X	BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 06 25 11	20	X		BOTT
FATTY BASIN	6	48 58.2	125 05.0	65 06 25 12	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 06 25 12	20	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 06 25 12	20	X		BOTT
FATTY BASIN	II			65 06 25 13	20	X		BOTT
FATTY BASIN	I			65 06 25 13	20	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 06 26 11	20	X		BOTT
FATTY BASIN	6	48 58.2	125 05.0	65 06 26 12	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 06 26 12	20	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 06 26 13	20	X		BOTT
FATTY BASIN	II			65 06 26 13	20	X		BOTT
FATTY BASIN	I			65 06 26 14	20	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 06 28 14	20	X		BOTT
FATTY BASIN	6	48 58.2	125 05.0	65 06 28 14	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 06 28 14	20	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 06 28 15	20	X		BOTT
FATTY BASIN	II			65 06 28 15	20	X		BOTT
FATTY BASIN	I			65 06 28 15	20	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 06 29 14	20	X		BOTT
FATTY BASIN	6	48 58.2	125 05.0	65 06 29 14	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 06 29 15	20	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 06 29 15	20	X		BOTT
FATTY BASIN	II			65 06 29 15	20	X		BOTT
FATTY BASIN	I			65 06 29 15	20	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 06 30 15	20	X		BOTT
FATTY BASIN	6	48 52.2	125 05.0	65 06 30 15	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 06 30 15	20	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 06 30 16	20	X		BOTT
FATTY BASIN	II			65 06 30 16	20	X		BOTT
FATTY BASIN	I			65 06 30 16	20	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 07 01 16	20	X		BOTT
FATTY BASIN	6	48 52.2	125 05.0	65 07 01 16	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 07 01 18	20	X		BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 07 01 18	20	X		BOTT
FATTY BASIN	II			65 07 01 18	20	X		BOTT
FATTY BASIN	I			65 07 01 19	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 07 02 13	28	X	X	BOTT
FATTY BASIN	3	48 58.9	125 01.3	65 07 02 13	5	X	X	BOTT
FATTY BASIN	4	48 59.1	125 01.2	65 07 02 13	4	X	X	BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 07 02 14	34	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 07 08 19	28	X	X	BOTT
FATTY BASIN	1	48 59.4	125 02.7	65 07 09 10	20	X		BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 07 09 10	23	X	X	BOTT
FATTY BASIN	2	48 59.0	125 01.1	65 07 09 10	0	X		BOTT
FATTY BASIN	3	48 58.9	125 01.3	65 07 09 10	20	X		BOTT
FATTY BASIN	4	48 59.1	125 01.2	65 07 09 11	20	X		BOTT
FATTY BASIN	8			65 07 09 11	20	X		BOTT
FATTY BASIN	7			65 07 09 11	20	X		BOTT
FATTY BASIN	6	48 52.2	125 05.0	65 07 09 11	20	X		BOTT
FATTY BASIN	5	48 58.7	125 01.5	65 07 09 11	20	X		BOTT

FATTY BASIN	II			65 07 09 12	20		X			BOTT		
FATTY BASIN	6	48 52.2	125 05.0	65 07 11 10	28		X		X	BOTT		
FATTY BASIN	2	48 59.0	125 01.1	65 07 15 14	30		X			BOTT		
FATTY BASIN	2	48 59.0	125 01.1	65 07 22 19	28		X		X	BOTT		
FATTY BASIN	2	48 59.0	125 01.1	65 07 29 16	28		X		X	BOTT		
FATTY BASIN				65 08 05 09	28		X		X	BOTT		
FATTY BASIN				65 08 18 18	28		X		X	BOTT		
FATTY BASIN				65 08 20 19	28		X		X	BOTT		
FATTY BASIN				65 08 26 15	28		X		X	BOTT		
FATTY BASIN				65 09 02 19	28		X		X	BOTT		
FATTY BASIN				65 09 08 14	28		X		X	BOTT		
FATTY BASIN				65 09 16 16	28		X		X	BOTT		
FATTY BASIN				65 10 02 09	20		X		X	BOTT		
FATTY BASIN				65 10 07 09	20		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0029
YEAR:1964 VESSEL/AGENCY: MACMILLAN BLOEDEL,FOG

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	HI	49 13.72	124 49.47	64 03 26 19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 04 10 18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 04 16 23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 04 23 18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 04 30 23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 08 03 16	10	10	X	X		BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 08 06 19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 08 20 19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 08 27 23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 09 03 18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 09 10 23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 09 17 18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 09 24 21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 10 01 17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 10 08 21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 10 22 20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 11 05 20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49 13.72	124 49.47	64 12 10 23	10	10	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0030
YEAR:1964 VESSEL/AGENCY: G.B. KELEZ(US)

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	15	47 20.00	129 59.00	64 04 26 22	2032		X		X	BOTT		
B. C. OFFSHORE	16	47 53.00	129 2.00	64 04 27 04	2220		X		X	BOTT		
B. C. OFFSHORE	17	48 26.00	128 7.00	64 04 27 12	2348		X		X	BOTT		
B. C. OFFSHORE	18	48 58.00	127 15.00	64 04 27 18	1824		X		X	BOTT		
B. C. OFFSHORE	19	49 4.00	127 7.00	64 04 27 22	893		X		X	BOTT		
B. C. OFFSHORE	20	49 11.00	126 54.00	64 04 28 04	173		X		X	BOTT		
B. C. OFFSHORE	21	49 16.00	126 46.00	64 04 28 05	119		X		X	BOTT		
B. C. OFFSHORE	22	49 20.00	126 37.00	64 04 28 07	55		X		X	BOTT		
B. C. OFFSHORE	35	47 20.00	129 57.00	64 07 24 21	2590	2617	X		X	BOTT		
B. C. OFFSHORE	36	47 43.00	129 15.00	64 07 25 04	2448	2425	X		X	BOTT		
B. C. OFFSHORE	37	48 27.00	128 9.00	64 07 25 14	2152	2505	X		X	BOTT		
B. C. OFFSHORE	38	49 20.00	126 37.00	64 07 26 02	53	69	X		X	BOTT		
B. C. OFFSHORE	39	49 14.00	126 46.00	64 07 26 13	120	127	X		X	BOTT		
B. C. OFFSHORE	40	49 10.00	126 54.00	64 07 26 15	179	194	X		X	BOTT		
B. C. OFFSHORE	41	49 6.00	127 0.00	64 07 26 18	927		X		X	BOTT		
B. C. OFFSHORE	42	49 0.00	127 12.00	64 07 26 20	1849		X		X	BOTT		
B. C. OFFSHORE	55	47 20.00	129 57.00	64 11 14 16	2600	2645	X		X	BOTT		
B. C. OFFSHORE	56	47 53.00	129 15.00	64 11 14 23	2467	2560	X		X	BOTT		
B. C. OFFSHORE	57	48 27.00	128 9.00	64 11 15 10	2435	2468	X		X	BOTT		
B. C. OFFSHORE	58	48 43.00	127 37.00	64 11 15 15	2365	2460	X		X	BOTT		
B. C. OFFSHORE	59	48 55.00	127 8.00	64 11 15 19	1478	1832	X		X	BOTT		

B. C. OFFSHORE	60	49	5.00	127	1.00	64	11	16	00	889	917	X		X	BOTT		
B. C. OFFSHORE	61	49	11.00	126	54.00	64	11	16	22	179	186	X		X	BOTT		
B. C. OFFSHORE	62	49	14.00	126	46.00	64	11	16	23	114	122	X		X	BOTT		
B. C. OFFSHORE	63	49	20.00	126	37.00	64	11	17	00	50	58	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0031
YEAR:1964 VESSEL/AGENCY: OSHAWA,POC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	5	48	14.00	125	56.00	64	03	23	00	381	731	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0032
YEAR:1964 VESSEL/AGENCY: OSHAWA,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	6	48	29.00	124	44.10	64	05	13	23	200	2+7	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0033
YEAR:1964 VESSEL/AGENCY: OSHAWA,POC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	3	47	0.00	128	0.00	64	06	26	14	1965	2651	X		X	BOTT		
B. C. OFFSHORE	5	51	7.00	134	55.00	64	06	30	22	591		X		X	BOTT		
B. C. OFFSHORE	6	49	10.00	127	41.00	64	07	01	21	223		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0034
YEAR:1964 VESSEL/AGENCY: OSHAWA,POC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	50.00	126	38.50	64	07	29	15	387	603	X		X	BOTT		
B. C. OFFSHORE	2	48	42.00	126	43.50	64	07	30	15	400	1280	X		X	BOTT		
B. C. OFFSHORE	3	48	47.50	127	8.50	64	07	31	15	399	1956	X		X	BOTT		
B. C. OFFSHORE	4	48	50.00	127	15.00	64	08	01	15	396	2011	X		X	BOTT		
B. C. OFFSHORE	5	48	50.30	127	12.30	64	08	02	14	395	1828	X		X	BOTT		
B. C. OFFSHORE	6	49	41.50	127	47.00	64	08	04	01	396	877	X		X	BOTT		
B. C. OFFSHORE	7	49	39.60	127	46.70	64	08	04	03	393	1225	X		X	BOTT		
B. C. OFFSHORE	8	49	19.30	127	34.70	64	08	04	14	397	1463	X		X	BOTT		
B. C. OFFSHORE	9	48	58.00	127	19.00	64	08	05	00	386	1828	X		X	BOTT		
B. C. OFFSHORE	10	48	40.50	127	18.00	64	08	05	16	397	2615	X		X	BOTT		
B. C. OFFSHORE	11	48	30.00	126	58.00	64	08	06	04	385		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0036
YEAR:1964 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	47	7.00	127	46.50	64	10	02	04	378	2743	X		X	BOTT		
B. C. OFFSHORE	2	47	4.00	128	7.00	64	10	02	18	1982	2743	X		X	BOTT		
B. C. OFFSHORE	4	50	20.00	134	36.00	64	10	04	20	391		X		X	BOTT		
B. C. OFFSHORE	5	50	53.90	135	47.50	64	10	05	05	370		X		X	BOTT		
B. C. OFFSHORE	6	51	5.80	136	11.00	64	10	06	03	1993		X		X	BOTT		
B. C. OFFSHORE	7	50	56.00	132	24.00	64	10	06	20	362		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0037
YEAR:1964 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	5	48	30.60	124	45.30	64	10	26	18	200	238	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0039
YEAR:1964 VESSEL/AGENCY: G.B.REED,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	1	48	10.0	125	15.0	64	01	07	09	98	238	X		X	BOTT		
B.C. OFFSHORE	3	47	21.0	128	45.0	64	01	11	11	260	2433	X		X	BOTT		
B.C. OFFSHORE	4	51	00.0	130	00.0	64	01	12	10	282	2012	X		X	BOTT		
B.C. OFFSHORE	5	51	00.0	135	00.0	64	01	13	11	281	3536	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0012
YEAR:1965 VESSEL/AGENCY: ENDEAVOUR,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	51.80	127	16.00	65	07	20	18	377	1828	X		X	BOTT		
B. C. OFFSHORE	2	48	47.80	127	26.50	65	07	21	16	150	2377	X		X	BOTT		
B. C. OFFSHORE	3	48	38.40	126	49.50	65	07	22	02	388	1645	X		X	BOTT		
B. C. OFFSHORE	4	48	52.40	127	19.00	65	07	23	18	385	2011	X		X	BOTT		
B. C. OFFSHORE	5	48	41.50	126	58.80	65	07	24	06	390	1463	X		X	BOTT		
B. C. OFFSHORE	6	48	50.50	127	16.00	65	07	24	16	367		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0025
YEAR:1965 VESSEL/AGENCY: G.B. KELEZ(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	80	47	20.00	129	57.00	65	01	17	14	2504		X		X	BOTT		
B. C. OFFSHORE	81	47	53.00	129	2.00	65	01	17	21	2323		X		X	BOTT		
B. C. OFFSHORE	82	48	27.00	128	9.00	65	01	18	06	2059		X		X	BOTT		
B. C. OFFSHORE	83	48	43.00	127	37.00	65	01	18	11	2359		X		X	BOTT		
B. C. OFFSHORE	84	49	0.00	127	12.00	65	01	18	15	1823		X		X	BOTT		
B. C. OFFSHORE	85	49	6.00	127	5.00	65	01	18	18	813	956	X		X	BOTT		
B. C. OFFSHORE	86	49	10.00	126	54.00	65	01	18	22	185	194	X		X	BOTT		
B. C. OFFSHORE	87	49	14.00	126	46.00	65	01	18	23	119	122	X		X	BOTT		
B. C. OFFSHORE	88	49	20.00	126	37.00	65	01	19	01	53	58	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0026
YEAR:1965 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	3	48	13.50	125	2.20	65	01	12	19	259	302	X		X	BOTT		
B. C. OFFSHORE	4	47	48.00	126	26.00	65	01	13	08	1998	2238	X		X	BOTT		
B. C. OFFSHORE	5	47	45.00	128	2.00	65	01	13	18	1926	2598	X		X	BOTT		
B. C. OFFSHORE	6	47	40.00	129	16.00	65	01	14	06	1922	2780	X		X	BOTT		
B. C. OFFSHORE	7	47	41.00	131	4.00	65	01	14	18	2775	2819	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0027
YEAR:1965 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	41	47	42.50	129	50.50	65	04	26	06	1819	2743	X		X	BOTT		
B. C. OFFSHORE	42	47	38.00	128	3.00	65	04	26	18	2500	2706	X		X	BOTT		
B. C. OFFSHORE	43	47	38.00	128	3.00	65	04	26	21	224	2706	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0028
YEAR:1965 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	61	48	22.00	124	55.40	65	07	03	11	49	124	X		X	BOTT		
B. C. OFFSHORE	72	48	25.50	125	24.00	65	07	07	04	49	165	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0029
YEAR:1965 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	39	47	42.60	131	2.00	65	08	20	06	1943	2928	X		X	BOTT		
B. C. OFFSHORE	40	47	55.30	129	9.50	65	08	20	18	1967	2030	X		X	BOTT		
B. C. OFFSHORE	41	48	7.20	127	25.10	65	08	21	06	1981	2579	X		X	BOTT		
B. C. OFFSHORE	42	48	20.60	125	34.00	65	08	21	18	120	134	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0030
YEAR:1965 VESSEL/AGENCY: BROWN BEAR,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	3	47	30.00	127	20.00	65	11	05	18	2167	2400	X		X	BOTT		
B. C. OFFSHORE	4	47	31.00	128	59.00	65	11	06	06	1754	2500	X		X	BOTT		
B. C. OFFSHORE	5	47	31.00	130	47.00	65	11	06	18	2303	2600	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0031
YEAR:1965 VESSEL/AGENCY: VICTORY VI,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	A-8	49	12.51	124	48.90	65	06	15	17	30	36	X		X	BOTT		
ALBERNI INLET	A-9	49	13.36	124	48.94	65	06	15	18	20	28	X		X	BOTT		
ALBERNI INLET	A-10	49	13.35	124	49.62	65	06	15	19	18	21	X		X	BOTT		
ALBERNI INLET	A-11	49	13.62	124	49.80	65	06	15	20	15	18	X		X	BOTT		
ALBERNI INLET	A-12	49	13.84	124	49.53	65	06	15	21	15	16	X		X	BOTT		
ALBERNI INLET	A-13	49	13.94	124	49.06	65	06	15	22	15	18	X		X	BOTT		
ALBERNI INLET	A-14	49	14.21	124	49.05	65	06	16	16	10	12	X		X	BOTT		
ALBERNI INLET	A-15	49	14.36	124	48.89	65	06	16	17	8	9	X		X	BOTT		
ALBERNI INLET	A-16	49	14.52	124	48.96	65	06	16	18	4	4	X		X	BOTT		
ALBERNI INLET	A-17	49	14.55	124	49.33	65	06	16	18	5	5	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.11	124	48.77	65	07	16	17	60	108	X		X	BOTT		
ALBERNI INLET	A-8	49	12.51	124	49.01	65	07	16	18	30	35	X		X	BOTT		
ALBERNI INLET	A-9	49	13.27	124	48.93	65	07	16	19	20	29	X		X	BOTT		
ALBERNI INLET	A-10	49	13.56	124	49.56	65	07	16	21	15	20	X		X	BOTT		
ALBERNI INLET	A-11	49	13.65	124	49.68	65	07	16	22	10	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.84	124	49.48	65	07	19	16	10	13	X		X	BOTT		
ALBERNI INLET	A-13	49	13.94	124	49.06	65	07	19	16	15	18	X		X	BOTT		
ALBERNI INLET	A-14	49	14.18	124	49.12	65	07	19	17	10	12	X		X	BOTT		
ALBERNI INLET	A-15	49	14.36	124	48.89	65	07	19	18	5	6	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.52	124	48.99	65	08	16	17	100	110	X		X	BOTT		
ALBERNI INLET	A-8	49	12.49	124	38.70	65	08	16	18	50	60	X		X	BOTT		
ALBERNI INLET	A-9	49	13.20	124	39.18	65	08	16	20	28	30	X		X	BOTT		
ALBERNI INLET	A-10	49	13.31	124	49.57	65	08	16	21	20	23	X		X	BOTT		
ALBERNI INLET	A-11	49	13.67	124	49.87	65	08	16	22	14	16	X		X	BOTT		
ALBERNI INLET	A-12	49	13.89	124	49.47	65	08	16	22	12	14	X		X	BOTT		
ALBERNI INLET	A-13	49	13.93	124	48.88	65	08	17	15	15	18	X		X	BOTT		
ALBERNI INLET	A-14	49	14.19	124	49.08	65	08	17	16	10	12	X		X	BOTT		
ALBERNI INLET	A-15	49	14.37	124	48.93	65	08	17	16	6	9	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	65	08	17	17	4	4	X		X	BOTT		
ALBERNI INLET	A-17	49	14.57	124	49.30	65	08	17	17	3	4	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.48	124	48.91	65	09	20	18	100	110	X		X	BOTT		
ALBERNI INLET	A-8	49	12.50	124	48.74	65	09	20	19	50	55	X		X	BOTT		
ALBERNI INLET	A-9	49	13.32	124	48.95	65	09	20	21	28	29	X		X	BOTT		
ALBERNI INLET	A-10	49	13.34	124	49.68	65	09	20	22	20	22	X		X	BOTT		

ALBERNI INLET	A-11	49	13.65	124	49.91	65	09	20	23	14	16	X		X	BOTT		
ALBERNI INLET	A-12	49	13.82	124	49.48	65	09	21	16	14	16	X		X	BOTT		
ALBERNI INLET	A-13	49	13.90	124	48.96	65	09	21	17	18	20	X		X	BOTT		
ALBERNI INLET	A-14	49	14.18	124	49.11	65	09	21	17	12	13	X		X	BOTT		
ALBERNI INLET	A-15	49	14.36	124	48.89	65	09	21	18	9	10	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	65	09	21	20	3	3	X		X	BOTT		
ALBERNI INLET	A-17	49	14.57	124	49.30	65	09	21	21	5	6	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.48	124	48.99	65	10	18	17	100	107	X		X	BOTT		
ALBERNI INLET	A-8	49	12.51	124	48.73	65	10	18	19	50	57	X		X	BOTT		
ALBERNI INLET	A-9	49	13.29	124	49.06	65	10	18	21	30	31	X		X	BOTT		
ALBERNI INLET	A-10	49	13.32	124	49.61	65	10	18	22	20	23	X		X	BOTT		
ALBERNI INLET	A-11	49	13.65	124	49.78	65	10	18	22	14	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.77	124	49.45	65	10	19	15	14	15	X		X	BOTT		
ALBERNI INLET	A-13	49	13.87	124	48.98	65	10	19	16	18	19	X		X	BOTT		
ALBERNI INLET	A-14	49	14.17	124	49.07	65	10	19	17	12	4	X		X	BOTT		
ALBERNI INLET	A-15	49	14.36	124	48.96	65	10	19	18	9	9	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	65	10	19	18	4	5	X		X	BOTT		
ALBERNI INLET	A-17	49	14.64	124	49.34	65	10	19	19	4	5	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.03	124	49.08	65	11	15	19	100	110	X		X	BOTT		
ALBERNI INLET	A-8	49	12.39	124	48.66	65	11	15	20	50	59	X		X	BOTT		
ALBERNI INLET	A-9	49	13.26	124	48.97	65	11	15	23	30	31	X		X	BOTT		
ALBERNI INLET	A-10	49	13.33	124	49.70	65	11	15	23	20	22	X		X	BOTT		
ALBERNI INLET	A-11	49	13.82	124	49.82	65	11	16	00	14	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.83	124	49.44	65	11	16	16	14	16	X		X	BOTT		
ALBERNI INLET	A-13	49	13.83	124	48.99	65	11	16	17	18	19	X		X	BOTT		
ALBERNI INLET	A-14	49	14.19	124	49.10	65	11	16	18	12	13	X		X	BOTT		
ALBERNI INLET	A-15	49	14.37	124	48.89	65	11	16	19	8	9	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	65	11	16	20	3	3	X		X	BOTT		
ALBERNI INLET	A-17	49	14.56	124	49.33	65	11	16	20	4	5	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.84	124	49.26	65	12	13	19	99	110	X		X	BOTT		
ALBERNI INLET	A-8	49	12.50	124	48.72	65	12	13	20	50	60	X		X	BOTT		
ALBERNI INLET	A-9	49	13.17	124	39.01	65	12	13	22	30	33	X		X	BOTT		
ALBERNI INLET	A-10	49	13.26	124	49.61	65	12	13	23	20	24	X		X	BOTT		
ALBERNI INLET	A-11	49	13.65	124	49.78	65	12	13	23	15	16	X		X	BOTT		
ALBERNI INLET	A-12	49	13.82	124	49.42	65	12	14	17	13	15	X		X	BOTT		
ALBERNI INLET	A-13	49	13.88	124	48.96	65	12	14	18	18	20	X		X	BOTT		
ALBERNI INLET	A-14	49	14.19	124	49.10	65	12	14	18	10	12	X		X	BOTT		
ALBERNI INLET	A-15	49	14.39	124	48.86	65	12	14	19	8	9	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	65	12	14	20	3	2	X		X	BOTT		
ALBERNI INLET	A-17	49	14.48	124	49.33	65	12	14	21	4	5	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0032
YEAR:1965 VESSEL/AGENCY: ENDEAVOUR,FOC?

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	49	43.00	128	42.00	65	05	12	22	495	2377	X		X	BOTT		
B. C. OFFSHORE	2	48	39.00	127	56.00	65	05	15	01	496	2432	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0034
YEAR:1965 VESSEL/AGENCY: MACMILLAN BLOEDEL,FOC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
ALBERNI INLET	HI	49	13.72	124	49.47	65	01	14	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	02	04	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	03	03	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	05	11	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	05	17	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	05	27	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	06	02	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	06	10	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	06	17	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	06	25	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	65	06	30	21	10	10	X		X	BOTT		

ALBERNI INLET	HI	49 13.72	124 49.47	65 07 08 16	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 07 15 22	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 07 23 15	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 07 29 21	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 08 06 16	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 08 13 21	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 08 19 00	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 08 25 19	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 09 03 14	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 09 10 20	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 09 15 22	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 09 22 18	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 09 29 22	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 10 22 18	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 11 12 21	10	10	X		X	BOTT
ALBERNI INLET	HI	49 13.72	124 49.47	65 12 09 20	10	10	X		X	BOTT

BOTTLE/CTD DATA SET NUMBER: 65-0060
YEAR:1965 VESSEL/AGENCY: ENDEAVOUR,UBC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	74	51 10.0	129 50.0	65 08 15 06	0	1000	X		X	BOTT		
B. C. OFFSHORE		54 30.0	134 02.0	65 08 14 07	600	1000	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0025
YEAR:1966 VESSEL/AGENCY: ENDEAVOUR,UBC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48 25.00	124 50.00	66 02 01 03	198	304	X		X	BOTT		
B. C. OFFSHORE	2	48 0.00	126 8.00	66 02 01 10	300	1720	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0026
YEAR:1966 VESSEL/AGENCY: YAQUINA(US)

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	157	53 33.50	133 25.10	66 07 21 18	1026		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0027A
YEAR:1966 VESSEL/AGENCY: LAYMORE,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	A1	48	49.20	125	11.30	66	08	16	16	20	24	X		X	BOTT		
ALBERNI INLET	A2	48	51.02	125	08.70	66	08	16	17	90		X		X	BOTT		
ALBERNI INLET	A3	48	52.75	125	07.50	66	08	16	18	130	146	X		X	BOTT		
ALBERNI INLET	A4	48	55.20	125	02.60	66	08	16	20	140	155	X		X	BOTT		
ALBERNI INLET	A5	48	57.70	124	59.85	66	08	16	22	150	174	X		X	BOTT		
ALBERNI INLET	A6	49	02.20	124	51.22	66	08	16	23	149	183	X		X	BOTT		
ALBERNI INLET	A7	49	08.45	124	48.15	66	08	17	01	100	124	X		X	BOTT		
ALBERNI INLET	A7A	49	10.40	124	49.00	66	08	17	02	100	110	X		X	BOTT		
ALBERNI INLET	A8	49	12.55	124	49.12	66	08	17	15	50	54	X		X	BOTT		
ALBERNI INLET	A9	49	13.37	124	48.95	66	08	17	17	25	29	X		X	BOTT		
ALBERNI INLET	A10	49	13.32	124	49.65	66	08	17	17	20	22	X		X	BOTT		
ALBERNI INLET	A11	49	13.63	124	49.89	66	08	17	18	15	17	X		X	BOTT		
ALBERNI INLET	A12	49	13.83	124	49.48	66	08	17	19	10	13	X		X	BOTT		
ALBERNI INLET	A13	49	13.90	124	48.98	66	08	17	20	15	17	X		X	BOTT		
ALBERNI INLET	A14	49	14.17	124	49.11	66	08	19	01	10	12	X		X	BOTT		
ALBERNI INLET	A15	49	14.36	124	48.89	66	08	18	18	7	8	X		X	BOTT		
ALBERNI INLET	A16	49	14.54	124	48.95	66	08	18	17	3	4	X		X	BOTT		
ALBERNI INLET	A17	49	14.55	124	49.33	66	08	18	16	1	2	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0027B
YEAR:1966 VESSEL/AGENCY: LAYMORE,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MUCHALAT INLET	M-1	49	35.70	126	34.50	66	08	19	12	58	73	X		X	BOTT		
MUCHALAT INLET	M-2	49	37.10	126	30.50	66	08	19	14	130	150	X		X	BOTT		
MUCHALAT INLET	M-3	49	39.40	126	27.90	66	08	19	15	150	183	X		X	BOTT		
MUCHALAT INLET	M-4	49	38.50	126	20.90	66	08	19	17	100	293	X		X	BOTT		
MUCHALAT INLET	M-5	49	38.90	126	14.98	66	08	19	18	300	348	X		X	BOTT		
MUCHALAT INLET	M-6	49	39.80	126	11.00	66	08	19	20	300	358	X		X	BOTT		
MUCHALAT INLET	M-7	49	39.94	126	08.95	66	08	19	21	300	366	X		X	BOTT		
MUCHALAT INLET	M-8	49	40.10	126	06.95	66	08	20	13	250	309	X		X	BOTT		
MUCHALAT INLET	M-10	49	37.30	126	03.40	66	08	20	16	100	124	X		X	BOTT		
MUCHALAT INLET	M-9	49	38.25	126	05.00	66	08	20	17	100	128	X		X	BOTT		
MUCHALAT INLET	M-11	49	40.35	126	07.50	66	08	20	21	90	101	X		X	BOTT		
QUATSINO SOUND	Q-1	50	24.85	128	00.28	66	08	22	13	145	179	X		X	BOTT		
QUATSINO SOUND	Q-2	50	28.32	127	55.22	66	08	22	15	148	187	X		X	BOTT		
QUATSINO SOUND	Q-3	50	28.80	127	47.40	66	08	22	16	130	146	X		X	BOTT		
QUATSINO SOUND	Q-4	50	31.25	127	40.60	66	08	22	17	100	137	X		X	BOTT		
QUATSINO SOUND	Q-6	50	32.05	127	35.80	66	08	22	19	30	38	X		X	BOTT		
QUATSINO SOUND	Q-15	50	29.80	127	34.80	66	08	22	20	150	179	X		X	BOTT		
QUATSINO SOUND	Q-16	50	27.80	127	32.25	66	08	22	21	150	187	X		X	BOTT		
QUATSINO SOUND	Q-17	50	25.95	127	30.55	66	08	22	22	150	183	X		X	BOTT		
QUATSINO SOUND	Q-18	50	24.25	127	29.35	66	08	22	23	100	132	X		X	BOTT		
QUATSINO SOUND	Q-20	50	22.00	127	26.50	66	08	23	01	30	49	X		X	BOTT		
QUATSINO SOUND	Q-19	50	22.90	127	27.40	66	08	23	01	30	46	X		X	BOTT		
QUATSINO SOUND	Q-5	50	31.55	127	37.35	66	08	23	14	90	110	X		X	BOTT		
HOLBERG INLET	Q-8	50	35.10	127	35.50	66	08	23	16	100	128	X		X	BOTT		
HOLBERG INLET	Q-11	50	36.35	127	48.35	66	08	23	17	50	66	X		X	BOTT		
HOLBERG INLET	Q-10	50	35.40	127	40.60	66	08	23	18	90	112	X		X	BOTT		
HOLBERG INLET	Q-9	50	35.75	127	34.65	66	08	23	20	20	23	X		X	BOTT		
RUPERT INLET	Q-13	50	34.85	127	30.75	66	08	23	21	90	110	X		X	BOTT		
RUPERT INLET	Q-14	50	35.42	127	26.40	66	08	23	22	50	68	X		X	BOTT		
HOLBERG INLET	Q-7	50	33.80	127	33.15	66	08	23	23	70	91	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0029
YEAR:1966 VESSEL/AGENCY: T.G. THOMPSON,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	22	48	29.50	124	46.00	66	12	01	07	192	265	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0030
YEAR:1966 VESSEL/AGENCY: MACMILLAN BLOEDEL,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	HI	49	13.72	124	49.47	66	03	23	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	04	15	16	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	05	06	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	05	13	14	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	06	03	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	06	17	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	06	29	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	07	15	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	07	20	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	08	03	22	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	08	12	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	08	18	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	08	26	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	09	09	16	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	09	16	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	09	30	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	10	28	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	11	25	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	66	12	30	21	10	10	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0031
YEAR:1966 VESSEL/AGENCY: VICTORY VI,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
ALBERNI INLET	A-8	49	12.60	124	48.91	66	01	20	20	50	58	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.28	124	49.10	66	01	20	22	100	106	X		X	BOTT		
ALBERNI INLET	A-9	49	13.29	124	48.96	66	01	20	22	28	30	X		X	BOTT		
ALBERNI INLET	A-10	49	13.37	124	49.62	66	01	20	23	20	20	X		X	BOTT		
ALBERNI INLET	A-11	49	13.65	124	49.78	66	01	20	24	14	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.83	124	49.52	66	01	21	17	14	14	X		X	BOTT		
ALBERNI INLET	A-13	49	13.86	124	48.97	66	01	21	17	20	20	X		X	BOTT		
ALBERNI INLET	A-14	49	14.18	124	49.03	66	01	21	19	20	14	X		X	BOTT		
ALBERNI INLET	A-15	49	14.36	124	48.89	66	01	21	19	10	11	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	66	01	21	20	6	6	X		X	BOTT		
ALBERNI INLET	A-17	49	14.56	124	49.33	66	01	21	20	4	5	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.45	124	49.12	66	02	14	18	99	110	X		X	BOTT		
ALBERNI INLET	A-8	49	12.49	124	48.75	66	02	14	20	50	55	X		X	BOTT		
ALBERNI INLET	A-9	49	13.16	124	49.04	66	02	14	22	29	30	X		X	BOTT		
ALBERNI INLET	A-10	49	13.46	124	49.56	66	02	14	23	18	20	X		X	BOTT		
ALBERNI INLET	A-11	49	13.64	124	49.87	66	02	15	00	12	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.82	124	49.48	66	02	15	17	12	16	X		X	BOTT		
ALBERNI INLET	A-13	49	13.93	124	48.87	66	02	15	17	12	20	X		X	BOTT		
ALBERNI INLET	A-14	49	14.17	124	49.08	66	02	15	18	12	13	X		X	BOTT		
ALBERNI INLET	A-15	49	14.46	124	48.80	66	02	15	19	8	9	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	66	02	15	20	4	5	X		X	BOTT		
ALBERNI INLET	A-17	49	14.54	124	49.29	66	02	15	21	3	3	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.38	124	49.01	66	03	17	18	100	110	X		X	BOTT		
ALBERNI INLET	A-8	49	12.59	124	49.01	66	03	17	19	50	55	X		X	BOTT		
ALBERNI INLET	A-9	49	13.19	124	49.01	66	03	17	21	30	30	X		X	BOTT		
ALBERNI INLET	A-10	49	13.33	124	49.42	66	03	17	22	20	20	X		X	BOTT		
ALBERNI INLET	A-11	49	13.62	124	49.80	66	03	17	23	14	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.85	124	49.53	66	03	17	23	12	16	X		X	BOTT		
ALBERNI INLET	A-13	49	13.91	124	48.98	66	03	18	17	18	20	X		X	BOTT		
ALBERNI INLET	A-14	49	14.22	124	49.10	66	03	21	17	12	13	X		X	BOTT		
ALBERNI INLET	A-17	49	14.57	124	49.28	66	03	21	18	3	3	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	66	03	21	18	5	5	X		X	BOTT		
ALBERNI INLET	A-15	49	14.36	124	48.89	66	03	21	19	9	9	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.03	124	48.95	66	04	13	18	100	100	X		X	BOTT		
ALBERNI INLET	A-8	49	12.57	124	48.96	66	04	13	19	50	52	X		X	BOTT		
ALBERNI INLET	A-9	49	13.34	124	48.93	66	04	13	22	25	27	X		X	BOTT		
ALBERNI INLET	A-10	49	13.38	124	49.65	66	04	13	22	18	20	X		X	BOTT		
ALBERNI INLET	A-11	49	13.69	124	49.88	66	04	13	23	15	13	X		X	BOTT		
ALBERNI INLET	A-12	49	13.82	124	49.46	66	04	14	16	14	15	X		X	BOTT		
ALBERNI INLET	A-13	49	13.86	124	48.86	66	04	14	18	18	20	X		X	BOTT		
ALBERNI INLET	A-14	49	14.26	124	49.16	66	04	14	18	10	11	X		X	BOTT		
ALBERNI INLET	A-17	49	14.54	124	49.35	66	04	14	19	2	2	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	66	04	14	20	4	5	X		X	BOTT		
ALBERNI INLET	A-15	49	14.36	124	48.89	66	04	14	20	8	9	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.28	124	49.04	66	05	16	17	100	100	X		X	BOTT		
ALBERNI INLET	A-8	49	12.49	124	48.79	66	05	16	18	50	58	X		X	BOTT		
ALBERNI INLET	A-9	49	13.25	124	48.98	66	05	16	19	28	9	X		X	BOTT		
ALBERNI INLET	A-10	49	13.11	124	49.44	66	05	16	21	18	20	X		X	BOTT		
ALBERNI INLET	A-11	49	13.67	124	49.84	66	05	16	22	12	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.83	124	49.46	66	05	16	22	12	13	X		X	BOTT		
ALBERNI INLET	A-13	49	13.92	124	48.93	66	05	17	16	17	18	X		X	BOTT		
ALBERNI INLET	A-14	49	14.20	124	49.12	66	05	17	17	12	13	X		X	BOTT		
ALBERNI INLET	A-17	49	14.67	124	49.34	66	05	17	18	3	4	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	66	05	17	19	5	6	X		X	BOTT		
ALBERNI INLET	A-15	49	14.36	124	48.89	66	05	17	20	8	9	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.11	124	48.88	66	06	15	18	100		X		X	BOTT		
ALBERNI INLET	A-8	49	12.58	124	49.06	66	06	15	19	50	55	X		X	BOTT		
ALBERNI INLET	A-9	49	13.33	124	48.92	66	06	15	21	25	29	X		X	BOTT		
ALBERNI INLET	A-10	49	13.32	124	49.67	66	06	15	22	20	21	X		X	BOTT		
ALBERNI INLET	A-11	49	13.65	124	49.84	66	06	15	23	12	14	X		X	BOTT		
ALBERNI INLET	A-12	49	13.77	124	49.48	66	06	16	15	12	14	X		X	BOTT		
ALBERNI INLET	A-13	49	13.91	124	48.94	66	06	16	16	17	19	X		X	BOTT		
ALBERNI INLET	A-14	49	14.27	124	49.20	66	06	16	17	12	13	X		X	BOTT		
ALBERNI INLET	A-17	49	14.72	124	49.22	66	06	16	18	4	4	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	66	06	16	19	5	6	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.39	124	48.65	66	07	14	17	100	110	X		X	BOTT		
ALBERNI INLET	A-8	49	12.49	124	48.76	66	07	14	18	50	55	X		X	BOTT		
ALBERNI INLET	A-9	49	13.23	124	48.96	66	07	14	19	30	32	X		X	BOTT		
ALBERNI INLET	A-10	49	13.13	124	49.61	66	07	14	22	24	25	X		X	BOTT		
ALBERNI INLET	A-11	49	13.76	124	49.87	66	07	14	22	13	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.78	124	49.51	66	07	15	16	13	14	X		X	BOTT		

ALBERNI INLET	A-13	49	13.93	124	48.93	66	07	15	17	18	19	X		X	BOTT	
ALBERNI INLET	A-14	49	14.15	124	49.13	66	07	15	18	15	16	X		X	BOTT	
ALBERNI INLET	A-15	49	14.38	124	48.91	66	07	15	18	9	10	X		X	BOTT	
ALBERNI INLET	A-17	49	14.57	124	49.28	66	07	15	22	3	3	X		X	BOTT	
ALBERNI INLET	A-16	49	14.54	124	48.95	66	07	15	23	4	5	X		X	BOTT	
ALBERNI INLET	A-7A	49	09.89	124	48.71	66	09	20	17	100	110	X		X	BOTT	
ALBERNI INLET	A-8	49	12.50	124	48.73	66	09	20	19	50	57	X		X	BOTT	
ALBERNI INLET	A-9	49	13.19	124	49.01	66	09	20	22	30	32	X		X	BOTT	
ALBERNI INLET	A-10	49	13.11	124	49.40	66	09	20	22	25	27	X			BOTT	
ALBERNI INLET	A-11	49	13.64	124	49.76	66	09	20	23	15	17	X		X	BOTT	
ALBERNI INLET	A-12	49	13.82	124	49.48	66	09	21	16	13	14	X		X	BOTT	
ALBERNI INLET	A-13	49	13.91	124	48.83	66	09	21	17	18	19	X		X	BOTT	
ALBERNI INLET	A-14	49	14.20	124	49.08	66	09	21	18	12	13	X		X	BOTT	
ALBERNI INLET	A-17	49	14.55	124	49.33	66	09	21	19	2	2	X		X	BOTT	
ALBERNI INLET	A-16	49	14.54	124	48.95	66	09	21	20	5	6	X		X	BOTT	
ALBERNI INLET	A-15	49	14.37	124	48.89	66	09	21	21	8	9	X		X	BOTT	
ALBERNI INLET	A-17	49	14.56	124	49.33	66	10	17	16	2	3	X		X	BOTT	
ALBERNI INLET	A-16	49	14.54	124	48.95	66	10	17	17	2	2	X		X	BOTT	
ALBERNI INLET	A-15	49	14.36	124	38.89	66	10	17	18	8	10	X		X	BOTT	
ALBERNI INLET	A-14	49	14.24	124	49.08	66	10	17	18	12	13	X		X	BOTT	
ALBERNI INLET	A-7A	49	10.15	124	48.90	66	10	18	16	100		X		X	BOTT	
ALBERNI INLET	A-8	49	12.49	124	48.69	66	10	18	18	50	53	X		X	BOTT	
ALBERNI INLET	A-9	49	13.24	124	48.98	66	10	18	19	30	33	X		X	BOTT	
ALBERNI INLET	A-10	49	13.35	124	49.62	66	10	18	20	20	25	X		X	BOTT	
ALBERNI INLET	A-13	49	13.92	124	49.06	66	10	18	21	18	19	X		X	BOTT	
ALBERNI INLET	A-12	49	13.82	124	49.44	66	10	18	21	15	16	X		X	BOTT	
ALBERNI INLET	A-11	49	13.68	124	49.78	66	10	18	22		17	X		X	BOTT	
ALBERNI INLET	A-7A	49	10.15	124	48.90	66	11	17	19	100	100	X		X	BOTT	
ALBERNI INLET	A-8	49	12.49	124	48.69	66	11	17	20	50	57	X		X	BOTT	
ALBERNI INLET	A-9	49	13.20	124	49.01	66	11	17	23	30	33	X		X	BOTT	
ALBERNI INLET	A-10	49	13.27	124	49.65	66	11	17	23	20	23	X		X	BOTT	
ALBERNI INLET	A-11	49	13.67	124	49.79	66	11	18	00	15	16	X		X	BOTT	
ALBERNI INLET	A-12	49	13.84	124	49.54	66	11	18	16	12	13	X		X	BOTT	
ALBERNI INLET	A-13	49	13.94	124	48.97	66	11	18	17	15	18	X		X	BOTT	
ALBERNI INLET	A-14	49	14.18	124	49.11	66	11	18	18	12	13	X		X	BOTT	
ALBERNI INLET	A-17	49	14.53	124	49.35	66	11	18	19	2	3	X		X	BOTT	
ALBERNI INLET	A-15	49	14.35	124	48.95	66	11	18	19	8	9	X		X	BOTT	
ALBERNI INLET	A-16	49	14.54	124	48.95	66	11	18	20	4	4	X		X	BOTT	
ALBERNI INLET	A-7A	49	10.17	124	48.80	66	12	19	18	100	100	X		X	BOTT	
ALBERNI INLET	A-8	49	12.49	124	48.69	66	12	19	20	50	59	X		X	BOTT	
ALBERNI INLET	A-9	49	13.21	124	49.01	66	12	19	22	30	31	X		X	BOTT	
ALBERNI INLET	A-10	49	13.36	124	49.68	66	12	19	22	20	21	X		X	BOTT	
ALBERNI INLET	A-11	49	13.64	124	49.80	66	12	19	23	15	16	X		X	BOTT	
ALBERNI INLET	A-12	49	13.78	124	49.45	66	12	20	17	15	15	X		X	BOTT	
ALBERNI INLET	A-13	49	13.91	124	48.97	66	12	20	18	18	18	X		X	BOTT	
ALBERNI INLET	A-14	49	14.19	124	49.11	66	12	20	18	12	13	X		X	BOTT	
ALBERNI INLET	A-17	49	14.56	124	49.30	66	12	20	19	3	3	X		X	BOTT	
ALBERNI INLET	A-15	49	14.36	124	48.89	66	12	20	20	9	9	X		X	BOTT	
ALBERNI INLET	A-16	49	14.54	124	48.95	66	12	20	21	3	4	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 67-0022
YEAR:1967 VESSEL/AGENCY: ENDEAVOUR,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	5	47	37.50	127	59.00	67	09	13	03	1500		X		X	BISS	

B. C. OFFSHORE	6	47	55.00	127	31.90	67	09	13	06	1500		X	X	BISS
B. C. OFFSHORE	7	48	13.50	127	7.00	67	09	13	09	1500		X	X	BISS
B. C. OFFSHORE	8	48	51.80	126	6.00	67	09	13	21	84	95	X	X	BISS
B. C. OFFSHORE	9	48	45.00	126	16.40	67	09	13	22	170	192	X	X	BISS
B. C. OFFSHORE	10	48	37.50	126	26.40	67	09	13	23	1000		X	X	BISS
B. C. OFFSHORE	11	48	26.50	126	43.60	67	09	14	02	1500	1828	X	X	BISS
B. C. OFFSHORE	12	48	58.00	126	32.50	67	09	14	06	170	192	X	X	BISS
B. C. OFFSHORE	13	49	19.10	126	38.20	67	09	14	10	74	98	X	X	BISS
B. C. OFFSHORE	14	49	9.00	126	52.60	67	09	14	12	180	193	X	X	BISS
B. C. OFFSHORE	15	48	58.70	127	8.20	67	09	14	13	1500	1828	X	X	BISS
B. C. OFFSHORE	16	48	45.50	127	31.00	67	09	14	16	1500	2011	X	X	BISS
B. C. OFFSHORE	17	48	29.50	127	53.00	67	09	14	20	1500	2377	X	X	BISS
B. C. OFFSHORE	18	48	16.00	128	13.50	67	09	14	23	1500	2560	X	X	BISS
B. C. OFFSHORE	19	48	1.50	128	35.40	67	09	15	02	1500	2560	X	X	BISS
B. C. OFFSHORE	20	47	44.00	129	0.00	67	09	15	05	1500	2560	X	X	BISS
B. C. OFFSHORE	21	47	57.50	129	23.00	67	09	15	09	1500	2011	X	X	BISS
B. C. OFFSHORE	22	48	18.20	129	43.50	67	09	15	12	1500	2743	X	X	BISS
B. C. OFFSHORE	23	48	36.50	129	11.00	67	09	15	15	1500	2560	X	X	BISS
B. C. OFFSHORE	24	48	52.50	128	40.80	67	09	15	19	1500	2194	X	X	BISS
B. C. OFFSHORE	25	49	4.50	128	17.60	67	09	16	00	1500	2377	X	X	BISS
B. C. OFFSHORE	26	49	14.00	127	58.60	67	09	16	02	1500	2560	X	X	BISS
B. C. OFFSHORE	27	49	23.30	127	41.50	67	09	16	05	1200	1554	X	X	BISS
B. C. OFFSHORE	28	49	28.50	127	30.00	67	09	16	07	800	960	X	X	BISS
B. C. OFFSHORE	29	49	36.20	127	17.20	67	09	16	08	110	146	X	X	BISS
B. C. OFFSHORE	30	49	41.60	127	5.40	67	09	16	10	70	91	X	X	BISS
B. C. OFFSHORE	31	49	49.60	127	36.10	67	09	16	12	80	91	X	X	BISS
B. C. OFFSHORE	32	50	5.00	128	0.00	67	09	16	14	170	182	X	X	BISS
B. C. OFFSHORE	33	49	55.70	128	12.20	67	09	16	16	950	1188	X	X	BISS
B. C. OFFSHORE	34	49	52.50	128	24.50	67	09	16	17	1500	2103	X	X	BISS
B. C. OFFSHORE	35	49	44.00	128	43.00	67	09	16	20	1500	2011	X	X	BISS
B. C. OFFSHORE	36	49	34.30	129	0.00	67	09	16	22	1500	2377	X	X	BISS
B. C. OFFSHORE	37	49	24.80	129	19.00	67	09	17	01	1500	2377	X	X	BISS
B. C. OFFSHORE	38	49	15.00	129	40.00	67	09	17	03	1500		X	X	BISS
B. C. OFFSHORE	39	49	5.00	130	0.00	67	09	17	06	1500		X	X	BISS
B. C. OFFSHORE	40	48	55.10	130	42.00	67	09	17	10	1500	2377	X	X	BISS
B. C. OFFSHORE	41	49	28.00	131	0.00	67	09	17	14	1500	2743	X	X	BISS
B. C. OFFSHORE	42	49	46.00	130	32.00	67	09	17	19	1500		X	X	BISS
B. C. OFFSHORE	43	49	57.00	130	0.00	67	09	17	22	1500	2377	X	X	BISS
B. C. OFFSHORE	44	50	8.70	129	42.80	67	09	18	01	1500	2377	X	X	BISS
B. C. OFFSHORE	45	50	17.50	129	22.50	67	09	18	03	1500	1554	X	X	BISS
B. C. OFFSHORE	46	50	27.00	129	5.00	67	09	18	05	1500	2011	X	X	BISS
B. C. OFFSHORE	47	50	34.20	128	53.80	67	09	18	08	1000	1463	X	X	BISS
B. C. OFFSHORE	48	50	39.70	128	40.40	67	09	18	10	148	182	X	X	BISS
B. C. OFFSHORE	57	51	4.50	129	34.00	67	09	19	02	475	914	X	X	BISS
B. C. OFFSHORE	58	50	54.50	129	58.00	67	09	19	04	1500	2103	X	X	BISS
B. C. OFFSHORE	59	50	39.00	130	27.00	67	09	19	08	1500	2286	X	X	BISS
B. C. OFFSHORE	60	50	24.50	130	56.40	67	09	19	12	1500	2103	X	X	BISS
B. C. OFFSHORE	61	50	5.00	131	35.00	67	09	19	16	1500	2926	X	X	BISS
B. C. OFFSHORE	62	49	50.00	132	8.00	67	09	19	19	1500	2560	X	X	BISS
B. C. OFFSHORE	63	50	11.00	132	56.50	67	09	20	00	1500		X	X	BISS
B. C. OFFSHORE	64	50	26.00	132	30.00	67	09	20	03	1500	2468	X	X	BISS
B. C. OFFSHORE	65	50	39.50	132	0.60	67	09	20	08	1500	2834	X	X	BISS
B. C. OFFSHORE	66	50	54.20	131	30.50	67	09	20	11	1500	2743	X	X	BISS
B. C. OFFSHORE	67	51	10.00	131	1.20	67	09	20	15	1500	2560	X	X	BISS
B. C. OFFSHORE	68	51	22.00	130	40.00	67	09	20	18	1500	1920	X	X	BISS
B. C. OFFSHORE	69	51	30.50	130	16.50	67	09	20	21	750	822	X	X	BISS
B. C. OFFSHORE	102	54	18.40	133	0.90	67	09	25	10	300	438	X	X	BISS
B. C. OFFSHORE	103	54	10.60	133	17.50	67	09	25	12	130	170	X	X	BISS
B. C. OFFSHORE	104	54	0.00	133	52.20	67	09	25	14	1000	1115	X	X	BISS
B. C. OFFSHORE	105	53	53.00	134	15.00	67	09	25	17	1500	2834	X	X	BISS
B. C. OFFSHORE	106	53	47.00	134	37.50	67	09	25	20	300		X	X	BISS
B. C. OFFSHORE	107	52	18.00	135	6.00	67	09	26	13	1500	3291	X	X	BISS
B. C. OFFSHORE	108	52	25.50	134	43.00	67	09	26	17	1250	3108	X	X	BISS
B. C. OFFSHORE	109	52	32.00	134	24.00	67	09	26	20	1500	2834	X	X	BISS
B. C. OFFSHORE	110	52	39.50	134	3.20	67	09	26	22	1500		X	X	BISS
B. C. OFFSHORE	111	52	48.20	133	47.30	67	09	27	00	1500	2816	X	X	BISS
B. C. OFFSHORE	112	53	0.00	133	26.40	67	09	27	04	1500	2926	X	X	BISS
B. C. OFFSHORE	113	53	9.80	133	8.70	67	09	27	06	1100	1188	X	X	BISS
B. C. OFFSHORE	114	53	15.00	132	59.50	67	09	27	08	300	557	X	X	BISS
B. C. OFFSHORE	115	52	30.00	132	5.00	67	09	27	14	1500	1737	X	X	BISS
B. C. OFFSHORE	116	51	55.00	131	4.00	67	09	27	19	190	201	X	X	BISS
B. C. OFFSHORE	117	51	52.60	131	9.80	67	09	27	20	1500	1920	X	X	BISS
B. C. OFFSHORE	118	51	47.60	131	24.00	67	09	27	22	1500	2011	X	X	BISS
B. C. OFFSHORE	119	51	40.80	131	35.50	67	09	28	00	1500	2066	X	X	BISS
B. C. OFFSHORE	120	51	35.00	132	0.00	67	09	28	03	1500	2468	X	X	BISS
B. C. OFFSHORE	121	51	24.00	132	34.00	67	09	28	07	1500	2834	X	X	BISS
B. C. OFFSHORE	122	51	13.00	133	10.50	67	09	28	11	900	3017	X	X	BISS
B. C. OFFSHORE	123	51	1.80	133	45.00	67	09	28	14	1500	3145	X	X	BISS
B. C. OFFSHORE	124	50	52.00	134	17.00	67	09	28	18	1000	3017	X	X	BISS
B. C. OFFSHORE	125	50	38.00	135	0.00	67	09	28	22	1500	3657	X	X	BISS
B. C. OFFSHORE	143	48	1.20	131	29.00	67	10	03	07	1500	3017	X	X	BISS
B. C. OFFSHORE	144	47	44.00	130	55.00	67	10	03	10	1500	2926	X	X	BISS
B. C. OFFSHORE	145	47	23.00	130	30.00	67	10	03	13	1500		X	X	BISS

B. C. OFFSHORE	154	47	52.50	125	57.30	67	10	05	00	1250	1463	X		X	BISS		
B. C. OFFSHORE	155	48	7.80	125	33.00	67	10	05	03	145	159	X		X	BISS		
B. C. OFFSHORE	156	48	21.00	125	20.00	67	10	05	04	107	118	X		X	BISS		
B. C. OFFSHORE	157	48	32.50	125	7.00	67	10	05	06	98	109	X		X	BISS		

BOTTLE/CTD DATA SET NUMBER: 67-0026
YEAR:1967 VESSEL/AGENCY: T.G. THOMPSON(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	53	0.70	138	3.00	67	02	05	18	2636	3319	X		X	BOTT		
B. C. OFFSHORE	5	54	20.00	133	1.50	67	02	14	03	453	457	X		X	BOTT		
B. C. OFFSHORE	6	53	54.00	134	36.00	67	02	14	13	1188	2770	X		X	BOTT		
B. C. OFFSHORE	7	53	42.00	135	23.00	67	02	14	20	146	2834	X		X	BOTT		
B. C. OFFSHORE	8	53	28.00	136	11.00	67	02	15	04	1018	2874	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 67-0030
YEAR:1967 VESSEL/AGENCY: MACBLO,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	HI	49	13.72	124	49.47	67	01	24	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	02	21	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	03	24	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	04	21	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	05	05	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	05	19	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	06	02	16	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	06	09	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	06	23	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	07	21	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	08	04	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	08	12	00	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	08	16	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	08	25	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	08	30	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	09	06	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	09	15	18	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	09	20	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	09	29	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	10	13	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	11	17	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	67	12	15	18	10	10	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 67-0031
YEAR:1967 VESSEL/AGENCY: VICTORY VI,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	A-7A	49	10.18	124	48.89	67	01	17	18	31	100	X		X	BOTT		
ALBERNI INLET	A-8	49	12.49	124	48.85	67	01	17	19	15	55	X		X	BOTT		
ALBERNI INLET	A-9	49	13.23	124	49.01	67	01	17	22	9	31	X		X	BOTT		
ALBERNI INLET	A-10	49	13.37	124	49.69	67	01	17	22	6	21	X		X	BOTT		
ALBERNI INLET	A-11	49	13.67	124	49.87	67	01	17	23	4	15	X		X	BOTT		
ALBERNI INLET	A-12	49	13.82	124	49.50	67	01	18	17	4	15	X		X	BOTT		
ALBERNI INLET	A-13	49	13.86	124	38.97	67	01	18	18	6	19	X		X	BOTT		

ALBERNI INLET	A-14	49	14.17	124	49.08	67	01	18	19	4	13	X		X	BOTT		
ALBERNI INLET	A-17	49	14.56	124	49.31	67	01	18	20	1	3	X		X	BOTT		
ALBERNI INLET	A-15	49	14.35	124	48.96	67	01	18	21	3	9	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	67	01	18	21	2	5	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.17	124	49.12	67	09	12	18	31	100	X		X	BOTT		
ALBERNI INLET	A-8	49	12.50	124	48.91	67	09	12	19	18	63	X		X	BOTT		
ALBERNI INLET	A-9	49	13.26	124	48.97	67	09	12	21	9	30	X		X	BOTT		
ALBERNI INLET	A-10	49	13.39	124	49.72	67	09	12	22	6	20	X		X	BOTT		
ALBERNI INLET	A-11	49	13.62	124	49.71	67	09	12	22	5	16	X		X	BOTT		
ALBERNI INLET	A-12	49	13.82	124	49.51	67	09	13	16	4	15	X		X	BOTT		
ALBERNI INLET	A-13	49	13.93	124	49.05	67	09	13	16	6	19	X		X	BOTT		
ALBERNI INLET	A-14	49	14.23	124	49.12	67	09	13	17	4	13	X		X	BOTT		
ALBERNI INLET	A-17	49	14.56	124	49.31	67	09	13	18	1	3	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	67	09	13	18	2	6	X		X	BOTT		
ALBERNI INLET	A-15	49	14.35	124	48.96	67	09	13	19	2	9	X		X	BOTT		
ALBERNI INLET	A-7A	49	10.40	124	48.81	67	12	19	19	30	100	X		X	BOTT		
ALBERNI INLET	A-8	49	12.59	124	49.28	67	12	19	20	15	57	X		X	BOTT		
ALBERNI INLET	A-9	49	13.18	124	49.01	67	12	19	20	6	33	X		X	BOTT		
ALBERNI INLET	A-10	49	13.14	124	49.64	67	12	19	21	8	25	X		X	BOTT		
ALBERNI INLET	A-11	49	13.61	124	49.72	67	12	19	22	5	17	X		X	BOTT		
ALBERNI INLET	A-12	49	13.83	124	49.44	67	12	20	17	4	14	X		X	BOTT		
ALBERNI INLET	A-13	49	13.84	124	49.09	67	12	20	17	5	16	X		X	BOTT		
ALBERNI INLET	A-14	49	14.19	124	49.17	67	12	20	18	4	13	X		X	BOTT		
ALBERNI INLET	A-17	49	14.56	124	49.31	67	12	20	19	1	5	X		X	BOTT		
ALBERNI INLET	A-16	49	14.54	124	48.95	67	12	20	20	1	4	X		X	BOTT		
ALBERNI INLET	A-15	49	14.35	124	48.96	67	12	20	20	3	10	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0011B
YEAR:1968 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	9	51	0.00	130	0.00	68	07	15	11	1000	1500	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0022
YEAR:1968 VESSEL/AGENCY: ENDEAVOUR,POC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	48	32.40	125	6.50	68	04	17	04	100	100	X		X	BISS		
B. C. OFFSHORE	2	48	20.00	125	22.00	68	04	17	06	85	109	X		X	BISS		
B. C. OFFSHORE	3	48	8.00	125	40.00	68	04	17	08	163	471	X		X	BISS		
B. C. OFFSHORE	11	48	52.60	126	4.40	68	04	19	19	70	78	X		X	BISS		
B. C. OFFSHORE	12	48	45.50	126	11.00	68	04	19	22	164	182	X		X	BISS		
B. C. OFFSHORE	13	48	38.40	126	28.00	68	04	19	23	830	1005	X		X	BISS		
B. C. OFFSHORE	14	48	26.40	126	44.00	68	04	20	02	1070	2194	X		X	BISS		
B. C. OFFSHORE	15	48	21.50	126	52.50	68	04	20	04	1000	2560	X		X	BISS		
B. C. OFFSHORE	16	48	12.00	127	4.00	68	04	20	08	1000	2560	X		X	BISS		
B. C. OFFSHORE	17	47	54.70	127	33.00	68	04	20	11	750	4681	X		X	BISS		
B. C. OFFSHORE	18	47	36.80	127	57.90	68	04	20	19	1330	2651	X		X	BISS		
B. C. OFFSHORE	19	47	12.00	128	35.00	68	04	21	00	1250	2651	X		X	BISS		
B. C. OFFSHORE	20	47	45.00	129	0.00	68	04	21	04	1500	2651	X		X	BISS		
B. C. OFFSHORE	21	48	2.00	128	35.50	68	04	21	10	1500	4681	X		X	BISS		
B. C. OFFSHORE	22	48	16.00	128	13.80	68	04	21	12	1500	2560	X		X	BISS		
B. C. OFFSHORE	23	48	31.00	127	52.50	68	04	21	16	1500	2560	X		X	BISS		
B. C. OFFSHORE	24	48	46.50	127	30.00	68	04	21	20	1500	2560	X		X	BISS		
B. C. OFFSHORE	25	48	59.00	127	10.50	68	04	21	23	1500	1792	X		X	BISS		
B. C. OFFSHORE	26	49	10.50	126	52.00	68	04	22	01	160	173	X		X	BISS		
B. C. OFFSHORE	27	49	19.40	126	38.00	68	04	22	02	75	82	X		X	BISS		
B. C. OFFSHORE	28	49	20.00	127	12.00	68	04	22	04	204	210	X		X	BISS		
B. C. OFFSHORE	29	49	35.00	127	16.50	68	04	22	06	160	162	X		X	BISS		
B. C. OFFSHORE	30	49	50.00	127	37.00	68	04	22	07	120	93	X		X	BISS		
B. C. OFFSHORE	31	50	4.00	128	3.00	68	04	22	09	525	1338	X		X	BISS		
B. C. OFFSHORE	32	49	59.00	128	12.50	68	04	22	11	1000	2174	X		X	BISS		
B. C. OFFSHORE	33	49	52.50	128	24.00	68	04	22	13	1000	2011	X		X	BISS		

B. C. OFFSHORE	34	49	44.00	128	41.00	68	04	23	08	1500	2194	X		X	BISS		
B. C. OFFSHORE	35	49	34.00	129	2.00	68	04	23	11	1500	2377	X		X	BISS		
B. C. OFFSHORE	36	49	25.00	129	19.00	68	04	23	14	1500		X		X	BISS		
B. C. OFFSHORE	37	49	15.00	129	39.00	68	04	23	16	1500	2286	X		X	BISS		
B. C. OFFSHORE	38	49	6.00	130	0.00	68	04	23	19	1500	2523	X		X	BISS		
B. C. OFFSHORE	39	49	28.00	131	0.00	68	04	24	02	1000	2926	X		X	BISS		
B. C. OFFSHORE	40	49	49.00	132	5.00	68	04	24	07	1400	2926	X		X	BISS		
B. C. OFFSHORE	41	50	11.00	132	58.50	68	04	24	12	1500	3108	X		X	BISS		
B. C. OFFSHORE	42	50	51.00	133	42.00	68	04	24	19	1500	3383	X		X	BISS		
B. C. OFFSHORE	43	51	9.00	133	0.00	68	04	24	23	1500	3017	X		X	BISS		
B. C. OFFSHORE	44	51	31.00	132	14.00	68	04	25	03	1500	2743	X		X	BISS		
B. C. OFFSHORE	45	51	35.00	132	0.00	68	04	25	05	1500	2560	X		X	BISS		
B. C. OFFSHORE	46	51	43.00	131	37.50	68	04	25	07	1300	2194	X		X	BISS		
B. C. OFFSHORE	47	51	48.00	131	24.00	68	04	25	09	1200	2011	X		X	BISS		
B. C. OFFSHORE	48	51	51.30	131	9.70	68	04	25	11	1300	2011	X		X	BISS		
B. C. OFFSHORE	60	51	31.00	130	17.00	68	04	26	11	750	1335	X		X	BISS		
B. C. OFFSHORE	61	51	21.80	130	34.80	68	04	26	13	1500	2011	X		X	BISS		
B. C. OFFSHORE	62	51	8.50	131	2.00	68	04	26	16	1400	2286	X		X	BISS		
B. C. OFFSHORE	63	50	52.50	131	25.00	68	04	26	20	1500	2651	X		X	BISS		
B. C. OFFSHORE	64	50	40.00	132	0.00	68	04	27	00	1500	2743	X		X	BISS		
B. C. OFFSHORE	65	50	26.00	132	29.00	68	04	27	03	1500	2926	X		X	BISS		
B. C. OFFSHORE	66	50	5.00	131	35.00	68	04	27	07	1500	2834	X		X	BISS		
B. C. OFFSHORE	67	50	22.00	131	0.00	68	04	27	11	1500	2834	X		X	BISS		
B. C. OFFSHORE	68	50	38.50	130	28.20	68	04	27	14	1250	2377	X		X	BISS		
B. C. OFFSHORE	69	50	53.00	129	59.00	68	04	27	17	1500	2048	X		X	BISS		
B. C. OFFSHORE	70	51	12.20	129	39.50	68	04	27	21	445	548	X		X	BISS		

BOTTLE/CTD DATA SET NUMBER: 68-0024
YEAR:1968 VESSEL/AGENCY: ENDEAVOUR,POG

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	48	32.90	125	6.50	68	10	01	03	100	128	X		X	BISS		
B. C. OFFSHORE	2	48	21.00	125	20.00	68	10	01	06	106	128	X		X	BISS		
B. C. OFFSHORE	3	48	4.50	125	40.00	68	10	01	09	300	320	X		X	BISS		
B. C. OFFSHORE	4	47	52.00	125	52.00	68	10	01	12	1200	1609	X		X	BISS		
B. C. OFFSHORE	11	47	8.00	128	40.00	68	10	02	19	1500	2697	X		X	BISS		
B. C. OFFSHORE	12	47	22.80	128	17.30	68	10	02	21	1500	2670	X		X	BISS		
B. C. OFFSHORE	13	47	35.50	127	57.00	68	10	03	00	1500	2743	X		X	BISS		
B. C. OFFSHORE	14	47	53.50	127	35.20	68	10	03	08	1500	2606	X		X	BISS		
B. C. OFFSHORE	15	48	12.00	127	0.00	68	10	03	11	1500	2706	X		X	BISS		
B. C. OFFSHORE	16	48	27.00	126	40.00	68	10	03	14	1500	1554	X		X	BISS		
B. C. OFFSHORE	17	48	37.50	126	26.20	68	10	03	17	1000	1179	X		X	BISS		
B. C. OFFSHORE	18	48	45.00	126	16.60	68	10	03	19	170	365	X		X	BISS		
B. C. OFFSHORE	19	48	51.50	126	7.20	68	10	03	21	94	100	X		X	BISS		
B. C. OFFSHORE	20	48	58.70	126	32.50	68	10	03	22	224	256	X		X	BISS		
B. C. OFFSHORE	21	49	19.20	126	38.50	68	10	04	01	80	91	X		X	BISS		
B. C. OFFSHORE	22	49	9.50	126	53.00	68	10	04	02	156	173	X		X	BISS		
B. C. OFFSHORE	23	48	59.60	127	8.40	68	10	04	04	1500	1828	X		X	BISS		
B. C. OFFSHORE	24	48	44.00	127	32.00	68	10	04	08	1500	2560	X		X	BISS		
B. C. OFFSHORE	25	48	31.80	127	52.00	68	10	04	12	1500	2633	X		X	BISS		
B. C. OFFSHORE	26	48	17.20	128	14.00	68	10	04	18	1200	2560	X		X	BISS		
B. C. OFFSHORE	27	48	2.20	128	35.50	68	10	04	21	1500	2560	X		X	BISS		
B. C. OFFSHORE	28	47	46.00	128	59.00	68	10	05	01	1500	2743	X		X	BISS		
B. C. OFFSHORE	29	47	32.00	129	17.80	68	10	05	07	1500	2286	X		X	BISS		
B. C. OFFSHORE	30	47	18.50	129	39.50	68	10	05	10	1500	2926	X		X	BISS		
B. C. OFFSHORE	31	47	5.00	130	0.00	68	10	05	14	1500	2743	X		X	BISS		
B. C. OFFSHORE	32	47	23.20	130	26.00	68	10	05	18	1500	2743	X		X	BISS		
B. C. OFFSHORE	33	47	41.00	130	50.00	68	10	05	23	900	3108	X		X	BISS		
B. C. OFFSHORE	34	47	55.00	130	29.00	68	10	06	02	1000	1975	X		X	BISS		
B. C. OFFSHORE	35	48	9.00	130	4.00	68	10	06	05	1200	2926	X		X	BISS		
B. C. OFFSHORE	36	48	22.00	129	35.00	68	10	06	09	1000	2926	X		X	BISS		
B. C. OFFSHORE	37	48	39.00	129	5.00	68	10	06	13	1400	2834	X		X	BISS		
B. C. OFFSHORE	38	48	52.00	128	42.00	68	10	06	17	1500	2560	X		X	BISS		
B. C. OFFSHORE	39	49	3.80	128	13.50	68	10	06	22	1500	2468	X		X	BISS		
B. C. OFFSHORE	40	49	13.60	127	59.00	68	10	07	00	1500	2651	X		X	BISS		
B. C. OFFSHORE	41	49	21.50	127	44.00	68	10	07	03	1500	2468	X		X	BISS		
B. C. OFFSHORE	42	49	28.00	127	31.00	68	10	07	06	1200	1325	X		X	BISS		
B. C. OFFSHORE	43	49	34.80	127	17.00	68	10	07	08	170	182	X		X	BISS		
B. C. OFFSHORE	44	49	43.90	127	8.00	68	10	07	10	80	91	X		X	BISS		
B. C. OFFSHORE	45	49	49.00	127	40.00	68	10	07	13	300	512	X		X	BISS		
B. C. OFFSHORE	46	50	5.00	128	0.00	68	10	07	15	300	365	X		X	BISS		
B. C. OFFSHORE	47	49	59.00	128	12.00	68	10	07	17	1000	1243	X		X	BISS		
B. C. OFFSHORE	48	49	52.70	128	24.00	68	10	07	19	1500	2194	X		X	BISS		

B. C. OFFSHORE	49	49	43.00	128	42.80	68	10	07	21	1500	2468	X		X	BISS
B. C OFFSHORE	50	49	34.00	129	1.50	68	10	08	00	1500	2377	X		X	BISS
B. C. OFFSHORE	51	49	24.80	129	18.70	68	10	08	03	1500	2468	X		X	BISS
B. C. OFFSHORE	52	49	15.00	129	39.60	68	10	08	05	1500	2587	X		X	BISS
B. C. OFFSHORE	53	49	5.00	130	0.00	68	10	08	08	1500	2560	X		X	BISS
B. C. OFFSHORE	54	48	56.50	130	16.50	68	10	08	10	1500	2450	X		X	BISS
B. C. OFFSHORE	55	48	44.50	130	40.00	68	10	08	13	1500	3291	X		X	BISS
B. C. OFFSHORE	56	48	34.00	131	0.00	68	10	08	17	1500	2926	X		X	BISS
B. C. OFFSHORE	57	48	56.00	131	9.00	68	10	08	19	1500	3108	X		X	BISS
B. C. OFFSHORE	58	49	14.00	131	3.00	68	10	08	22	1500	1828	X		X	BISS
B. C. OFFSHORE	59	49	31.00	130	54.00	68	10	09	00	1500	2871	X		X	BISS
B. C. OFFSHORE	60	49	43.00	130	31.00	68	10	09	02	1500	2359	X		X	BISS
B. C. OFFSHORE	61	49	58.00	130	0.00	68	10	09	05	1500	2377	X		X	BISS
B. C. OFFSHORE	62	50	9.40	129	41.70	68	10	09	07	1500	1645	X		X	BISS
B. C. OFFSHORE	63	50	17.00	129	19.00	68	10	09	09	1500	1645	X		X	BISS
B. C. OFFSHORE	64	50	27.00	129	5.50	68	10	09	11	1500	2103	X		X	BISS
B. C. OFFSHORE	65	50	33.20	128	53.00	68	10	09	13	1500	1773	X		X	BISS
B. C. OFFSHORE	66	50	35.00	128	49.00	68	10	09	14	1000	1051	X		X	BISS
B. C. OFFSHORE	67	50	39.50	128	40.80	68	10	09	16	180	182	X		X	BISS
B. C. OFFSHORE	70	51	2.40	129	17.80	68	10	10	22	160	182	X		X	BISS
B. C. OFFSHORE	71	51	5.00	129	36.50	68	10	10	23	160	182	X		X	BISS
B. C. OFFSHORE	72	50	57.70	129	50.00	68	10	11	00	1000	1097	X		X	BISS
B. C. OFFSHORE	73	50	54.20	129	57.00	68	10	11	01	1500	2194	X		X	BISS
B. C. OFFSHORE	74	50	47.90	130	10.50	68	10	11	03	1500	2194	X		X	BISS
B. C. OFFSHORE	75	50	38.50	130	28.20	68	10	11	06	1500	2468	X		X	BISS
B. C. OFFSHORE	76	50	31.00	130	42.00	68	10	11	07	1300	1554	X		X	BISS
B. C. OFFSHORE	77	50	21.50	131	5.00	68	10	11	10	1500	2743	X		X	BISS
B. C. OFFSHORE	78	50	12.00	131	25.00	68	10	11	12	1500	2743	X		X	BISS
B. C. OFFSHORE	79	50	3.00	131	40.00	68	10	11	15	1500	2468	X		X	BISS
B. C. OFFSHORE	80	49	48.00	132	8.00	68	10	11	19	1500	3108	X		X	BISS
B. C. OFFSHORE	81	49	37.50	132	29.00	68	10	11	21	1500	3291	X		X	BISS
B. C. OFFSHORE	82	49	54.00	132	44.50	68	10	12	00	1500		X		X	BISS
B. C. OFFSHORE	83	50	11.00	132	59.00	68	10	12	02	1500		X		X	BISS
B. C. OFFSHORE	84	50	26.00	132	29.00	68	10	12	05	1500		X		X	BISS
B. C. OFFSHORE	85	50	37.80	132	4.00	68	10	12	08	1500		X		X	BISS
B. C. OFFSHORE	86	50	47.00	131	48.00	68	10	12	10	1500		X		X	BISS
B. C. OFFSHORE	87	51	0.00	131	19.00	68	10	12	13	1500	2743	X		X	BISS
B. C. OFFSHORE	88	51	8.40	131	2.50	68	10	12	15	1500	2194	X		X	BISS
B. C. OFFSHORE	89	51	19.00	130	40.20	68	10	12	18	1500	2194	X		X	BISS
B. C. OFFSHORE	90	51	29.50	130	23.70	68	10	12	20	1000		X		X	BISS
B. C. OFFSHORE	91	50	31.50	130	18.00	68	10	12	21	1000		X		X	BISS
B. C. OFFSHORE	105	51	55.60	131	4.10	68	10	13	19	172	182	X		X	BISS
B. C. OFFSHORE	106	51	53.00	131	9.80	68	10	13	20	1500	1828	X		X	BISS
B. C. OFFSHORE	107	51	50.90	131	15.00	68	10	13	21	1500	1828	X		X	BISS
B. C. OFFSHORE	108	51	46.00	131	25.50	68	10	13	22	1500	2011	X		X	BISS
B. C. OFFSHORE	109	51	31.50	131	44.00	68	10	14	00	1500	2377	X		X	BISS
B. C. OFFSHORE	110	51	26.50	132	3.00	68	10	14	03	1500	2606	X		X	BISS
B. C. OFFSHORE	111	51	18.00	132	20.00	68	10	14	05	1500	2743	X		X	BISS
B. C. OFFSHORE	112	51	8.00	132	40.10	68	10	14	07	1500	2926	X		X	BISS
B. C. OFFSHORE	113	51	0.00	132	57.50	68	10	14	09	1500	3017	X		X	BISS
B. C. OFFSHORE	114	50	51.00	133	16.00	68	10	14	11	1500	3108	X		X	BISS
B. C. OFFSHORE	115	51	41.00	133	35.00	68	10	14	14	1500		X		X	BISS
B. C. OFFSHORE	116	50	30.00	134	0.00	68	10	14	19	1500		X		X	BISS
B. C. OFFSHORE	117	50	33.50	134	28.00	68	10	14	23	1000		X		X	BISS
B. C. OFFSHORE	118	50	45.80	135	28.00	68	10	15	15	1500		X		X	BISS
B. C. OFFSHORE	119	51	5.40	135	0.00	68	10	15	19	1500		X		X	BISS
B. C. OFFSHORE	120	51	16.00	134	46.00	68	10	15	21	1500		X		X	BISS
B. C. OFFSHORE	121	51	29.00	134	20.00	68	10	16	00	1500		X		X	BISS
B. C. OFFSHORE	122	51	48.50	133	40.00	68	10	16	05	1500		X		X	BISS
B. C. OFFSHORE	123	51	58.00	133	20.00	68	10	16	07	1200		X		X	BISS
B. C. OFFSHORE	124	52	8.80	132	50.20	68	10	16	10	1200		X		X	BISS

BOTTLE/CTD DATA SET NUMBER: 68-0033
YEAR:1968 VESSEL/AGENCY: YAQUINA(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	40	48	0.10	126	0.20	68	02	01	03	1306		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0034
YEAR:1968 VESSEL/AGENCY: T.G. THOMPSON,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	77	48	19.00	127	6.00	68	03	27	20	32	2560	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0036A
YEAR:1968 VESSEL/AGENCY: LAYMORE,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	4	48	13.80	126	27.30	68	04	23	21	1485	2377	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0039
YEAR:1968 VESSEL/AGENCY: ENDEAVOUR,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	4	48	28.50	124	48.80	68	09	17	13	228	263	X		X	BOTT		
B. C. OFFSHORE	6	47	57.40	126	13.50	68	09	18	01	1746	1885	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0040
YEAR:1968 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	4	48	25.00	125	0.00	68	11	19	17	250	293	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0042
YEAR:1968 VESSEL/AGENCY: MACMILLAN BLOEDEL,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	HI	49	13.72	124	49.47	68	01	26	17	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	68	02	16	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	68	03	27	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	68	04	12	19	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	68	04	26	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	68	05	10	18	10	10	X		X	BOTT		

ALBERNI INLET	HI	49	13.72	124	49.47	68	05	23	18	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	05	29	23	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	06	07	17	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	06	13	23	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	06	21	17	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	06	26	21	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	07	05	16	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	07	10	21	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	07	19	16	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	07	24	20	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	08	02	14	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	08	09	21	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	08	16	14	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	08	23	20	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	08	28	23	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	09	06	20	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	09	11	22	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	09	20	19	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	09	25	21	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	10	02	17	10	10	X	X		BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	10	09	21	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	10	23	20	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	11	08	21	10	10	X		X	BOTT	
ALBERNI INLET	HI	49	13.72	124	49.47	68	12	04	19	10	10	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 69-0030
YEAR:1969 VESSEL/AGENCY: LAYMORE,POC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	37.50	125	0.20	69	04	15	16	45	49	X		X	BISS		
B. C. OFFSHORE	2	48	33.80	125	5.70	69	04	15	17	109	117	X		X	BISS		
B. C. OFFSHORE	3	48	27.00	125	13.20	69	04	15	18	153	155	X		X	BISS		
B. C. OFFSHORE	4	48	21.50	125	20.20	69	04	15	19	114	117	X		X	BISS		
B. C. OFFSHORE	5	48	15.00	125	28.00	69	04	15	20	125	130	X		X	BISS		
B. C. OFFSHORE	6	48	6.20	125	38.50	69	04	15	21	180	183	X		X	BISS		
B. C. OFFSHORE	7	47	52.50	125	55.20	69	04	15	23	1500	1531	X		X	BISS		
B. C. OFFSHORE	15	47	8.00	128	39.00	69	04	17	06	1500	2697	X		X	BISS		
B. C. OFFSHORE	16	47	22.60	128	19.00	69	04	17	13	1500	2650	X		X	BISS		
B. C. OFFSHORE	17	47	37.50	127	55.00	69	04	17	13	1500	2652	X		X	BISS		
B. C. OFFSHORE	18	47	51.00	127	36.00	69	04	17	14	1500	2615	X		X	BISS		
B. C. OFFSHORE	19	48	3.00	127	18.30	69	04	17	16	1500	2606	X		X	BISS		
B. C. OFFSHORE	20	48	15.80	127	0.00	69	04	17	20	1500	2560	X		X	BISS		
B. C. OFFSHORE	21	48	28.10	126	41.00	69	04	17	23	1200	1463	X		X	BISS		
B. C. OFFSHORE	22	48	33.70	126	31.00	69	04	18	00	1200	1280	X		X	BISS		
B. C. OFFSHORE	23	48	38.00	126	24.50	69	04	18	01	850	887	X		X	BISS		
B. C. OFFSHORE	24	48	42.00	126	20.50	69	04	18	00	630	664	X		X	BISS		
B. C. OFFSHORE	25	48	44.50	126	15.50	69	04	18	03	179		X		X	BISS		
B. C. OFFSHORE	26	48	48.50	126	9.50	69	04	18	04	120	123	X		X	BISS		
B. C. OFFSHORE	27	48	50.50	126	6.50	69	04	18	04	94	95	X		X	BISS		
B. C. OFFSHORE	28	48	56.00	125	58.60	69	04	18	05	56	64	X		X	BISS		
B. C. OFFSHORE	29	49	0.10	125	51.60	69	04	18	06	36	38	X		X	BISS		
B. C. OFFSHORE	30	49	8.20	126	7.00	69	04	18	08	40	46	X		X	BISS		
B. C. OFFSHORE	31	49	6.80	126	11.00	69	04	18	08	55	60	X		X	BISS		
B. C. OFFSHORE	32	49	4.30	126	15.00	69	04	18	09	80	82	X		X	BISS		
B. C. OFFSHORE	33	49	0.50	126	20.50	69	04	18	10	120	123	X		X	BISS		
B. C. OFFSHORE	34	48	57.30	126	25.00	69	04	18	10	145	150	X		X	BISS		
B. C. OFFSHORE	35	48	53.50	126	30.00	69	04	18	11	173	181	X		X	BISS		
B. C. OFFSHORE	36	48	49.50	126	36.00	69	04	18	12	365	373	X		X	BISS		
B. C. OFFSHORE	37	48	46.50	126	41.00	69	04	18	13	825	856	X		X	BISS		
B. C. OFFSHORE	38	48	40.50	126	30.00	69	04	18	14	1370	1399	X		X	BISS		
B. C. OFFSHORE	39	49	0.00	126	43.50	69	04	18	16	231	240	X		X	BISS		
B. C. OFFSHORE	40	49	9.50	126	41.00	69	04	18	18	115	128	X		X	BISS		
B. C. OFFSHORE	41	49	20.80	126	36.40	69	04	18	19	33		X		X	BISS		
B. C. OFFSHORE	42	49	14.80	126	46.50	69	04	18	20	112	123	X		X	BISS		
B. C. OFFSHORE	43	49	9.00	126	53.00	69	04	18	21	146	181	X		X	BISS		
B. C. OFFSHORE	44	49	3.70	127	2.00	69	04	18	23	1000	1189	X		X	BISS		
B. C. OFFSHORE	45	48	57.50	127	12.50	69	04	19	01	1000	2057	X		X	BISS		
B. C. OFFSHORE	46	48	43.50	127	31.50	69	04	19	04	1250	2560	X		X	BISS		
B. C. OFFSHORE	47	48	30.80	127	51.20	69	04	19	07	1500	2542	X		X	BISS		
B. C. OFFSHORE	48	48	17.70	128	12.00	69	04	19	10	1500	2579	X		X	BISS		
B. C. OFFSHORE	49	48	1.50	128	35.50	69	04	19	14	1400	2560	X		X	BISS		
B. C. OFFSHORE	50	47	47.00	128	56.30	69	04	19	18	1500	2560	X		X	BISS		
B. C. OFFSHORE	51	47	33.60	129	18.00	69	04	19	22	1500	2725	X		X	BISS		

B. C. OFFSHORE	52	47	19.00	129	39.00	69	04	20	02	1500	2743	X		X	BISS		
B. C. OFFSHORE	53	47	28.50	130	2.50	69	04	20	04	1500	2743	X		X	BISS		
B. C. OFFSHORE	54	47	37.00	130	31.00	69	04	20	09	1500	2908	X		X	BISS		
B. C. OFFSHORE	55	47	51.00	130	4.00	69	04	20	12	1500	2771	X		X	BISS		
B. C. OFFSHORE	56	48	8.00	129	35.00	69	04	20	15	1500	2560	X		X	BISS		
B. C. OFFSHORE	57	48	23.00	129	3.50	69	04	20	18	1500		X		X	BISS		
B. C. OFFSHORE	58	48	38.60	129	5.00	69	04	20	20	1500	2712	X		X	BISS		
B. C. OFFSHORE	59	48	43.50	128	42.00	69	04	20	23	1200	2560	X		X	BISS		
B. C. OFFSHORE	60	49	14.00	128	0.00	69	04	21	04	1040		X		X	BISS		
B. C. OFFSHORE	61	49	20.70	127	44.70	69	04	21	06	1040	2377	X		X	BISS		
B. C. OFFSHORE	62	49	28.00	127	31.20	69	04	21	08	1000		X		X	BISS		
B. C. OFFSHORE	63	50	4.60	127	59.50	69	04	22	23	187	183	X		X	BISS		
B. C. OFFSHORE	64	49	58.70	128	12.00	69	04	23	00	1190	1280	X		X	BISS		
B. C. OFFSHORE	65	49	53.00	128	22.00	69	04	23	02	1500	2057	X		X	BISS		
B. C. OFFSHORE	66	49	43.00	128	44.00	69	04	23	05	1500	2259	X		X	BISS		
B. C. OFFSHORE	67	49	38.50	128	51.40	69	04	23	07	1500	2240	X		X	BISS		
B. C. OFFSHORE	68	49	33.50	129	3.00	69	04	23	09	1500	2286	X		X	BISS		
B. C. OFFSHORE	69	49	24.30	129	20.00	69	04	23	11	1500	2377	X		X	BISS		
B. C. OFFSHORE	70	49	14.00	129	40.00	69	04	23	13	1500	2377	X		X	BISS		
B. C. OFFSHORE	71	49	4.00	130	1.00	69	04	23	16	1500	2652	X		X	BISS		
B. C. OFFSHORE	72	49	21.00	130	20.00	69	04	23	18	1500	2560	X		X	BISS		
B. C. OFFSHORE	73	49	49.00	130	18.00	69	04	23	22	1500	2103	X		X	BISS		
B. C. OFFSHORE	75	50	40.00	128	40.00	69	04	25	20	168	174	X		X	BISS		
B. C. OFFSHORE	76	50	36.50	128	49.00	69	04	25	21	465	622	X		X	BISS		
B. C. OFFSHORE	77	50	33.50	128	55.50	69	04	25	22	1015	1737	X		X	BISS		
B. C. OFFSHORE	78	50	27.50	129	4.00	69	04	26	00	1025	2012	X		X	BISS		
B. C. OFFSHORE	79	50	20.50	129	20.50	69	04	26	02	1030	1920	X		X	BISS		
B. C. OFFSHORE	80	50	10.00	129	40.00	69	04	26	05	1000	1646	X		X	BISS		
B. C. OFFSHORE	81	50	0.00	130	0.60	69	04	26	07	1200	2103	X		X	BISS		
B. C. OFFSHORE	82	50	1.00	130	33.50	69	04	26	09	1500	2286	X		X	BISS		
B. C. OFFSHORE	83	50	3.50	131	6.50	69	04	26	12	1500		X		X	BISS		
B. C. OFFSHORE	84	50	5.00	131	40.50	69	04	26	15	1500	2789	X		X	BISS		
B. C. OFFSHORE	85	50	14.50	131	21.00	69	04	26	17	1500	2743	X		X	BISS		
B. C. OFFSHORE	86	50	25.20	131	0.00	69	04	26	20	1500	2697	X		X	BISS		
B. C. OFFSHORE	87	50	33.20	130	41.50	69	04	26	22	1070	1242	X		X	BISS		
B. C. OFFSHORE	88	50	41.00	130	29.00	69	04	27	00	1500	2377	X		X	BISS		
B. C. OFFSHORE	89	50	48.00	130	11.00	69	04	27	02	1500	2048	X		X	BISS		
B. C. OFFSHORE	90	50	54.00	129	58.50	69	04	27	04	1500	2103	X		X	BISS		
B. C. OFFSHORE	91	50	56.50	129	53.50	69	04	27	05	1500	1966	X		X	BISS		
B. C. OFFSHORE	92	50	59.20	129	47.00	69	04	27	07	1000	1097	X		X	BISS		
B. C. OFFSHORE	93	51	6.50	129	35.00	69	04	27	08	700	759	X		X	BISS		
B. C. OFFSHORE	109	51	32.40	130	14.20	69	04	28	10	500	521	X		X	BISS		
B. C. OFFSHORE	110	51	29.20	130	19.80	69	04	28	11	850	920	X		X	BISS		
B. C. OFFSHORE	111	51	26.00	130	26.50	69	04	28	12	1200	1326	X		X	BISS		
B. C. OFFSHORE	112	51	22.50	130	34.50	69	04	28	13	1500	1737	X		X	BISS		
B. C. OFFSHORE	113	51	16.20	130	48.00	69	04	28	18	1500	2103	X		X	BISS		
B. C. OFFSHORE	114	51	9.70	131	2.60	69	04	28	20	1500	2469	X		X	BISS		
B. C. OFFSHORE	115	51	1.00	131	20.00	69	04	28	22	1500	2743	X		X	BISS		
B. C. OFFSHORE	116	50	50.00	131	38.50	69	04	29	01	1500	2743	X		X	BISS		
B. C. OFFSHORE	117	50	40.90	131	59.60	69	04	29	03	1500	2835	X		X	BISS		
B. C. OFFSHORE	118	50	30.00	132	21.00	69	04	29	05	1500	2981	X		X	BISS		
B. C. OFFSHORE	119	50	42.60	132	26.50	69	04	29	07	1500	3018	X		X	BISS		
B. C. OFFSHORE	120	50	55.50	132	32.00	69	04	29	09	1500	2835	X		X	BISS		
B. C. OFFSHORE	121	51	6.50	132	30.00	69	04	29	12	1500	2652	X		X	BISS		
B. C. OFFSHORE	122	51	17.00	132	16.50	69	04	29	14	1500	2743	X		X	BISS		
B. C. OFFSHORE	123	51	27.30	132	5.00	69	04	29	16	1500	2560	X		X	BISS		
B. C. OFFSHORE	124	51	37.30	131	40.00	69	04	29	19	1500	2286	X		X	BISS		
B. C. OFFSHORE	125	51	46.00	131	22.00	69	04	29	21	1500	1975	X		X	BISS		
B. C. OFFSHORE	126	51	49.50	131	15.50	69	04	30	00	1500	1920	X		X	BISS		
B. C. OFFSHORE	127	51	52.00	131	10.00	69	04	30	01	1500	1829	X		X	BISS		
B. C. OFFSHORE	126	51	53.90	131	6.50	69	04	30	03	800	823	X		X	BISS		
B. C. OFFSHORE	129	51	54.40	131	3.90	69	04	30	03	200	216	X		X	BISS		

BOTTLE/CTD DATA SET NUMBER: 69-0031
YEAR:1969 VESSEL/AGENCY: ENDEAVOUR,FOG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	37.00	125	0.50	69	09	30	19	70	78	X		X	BISS		
B. C. OFFSHORE	2	48	34.00	125	5.80	69	09	30	20	97	100	X		X	BISS		
B. C. OFFSHORE	3	48	27.00	125	13.00	69	09	30	21	148	160	X		X	BISS		
B. C. OFFSHORE	4	48	22.00	125	21.00	69	09	30	22	110	117	X		X	BISS		
B. C. OFFSHORE	5	48	15.00	125	28.00	69	10	01	00	129	129	X		X	BISS		
B. C. OFFSHORE	6	48	7.30	125	38.50	69	10	01	01	150	199	X		X	BISS		

B. C. OFFSHORE	7	47	52.00	125	55.00	69	10	01	03	1435	1549	X	X	BISS
B. C. OFFSHORE	12	47	10.00	128	33.00	69	10	02	03	1500	2743	X	X	BISS
B. C. OFFSHORE	13	47	22.00	128	21.00	69	10	02	05	1500	2664	X	X	BISS
B. C. OFFSHORE	14	47	38.00	127	55.00	69	10	02	08	1325	2651	X	X	BISS
B. C. OFFSHORE	15	47	50.00	127	35.00	69	10	02	11	1370	2600	X	X	BISS
B. C. OFFSHORE	16	48	4.80	127	17.20	69	10	02	14	1500	2560	X	X	BISS
B. C. OFFSHORE	17	48	16.20	127	0.00	69	10	02	16	1500	2487	X	X	BISS
B. C. OFFSHORE	18	48	24.40	126	41.00	69	10	02	18	1500	2011	X	X	BISS
B. C. OFFSHORE	19	48	34.00	126	32.00	69	10	02	20	1100		X	X	BISS
B. C. OFFSHORE	20	48	38.00	126	24.00	69	10	02	21	850	857	X	X	BISS
B. C. OFFSHORE	21	48	42.00	126	21.00	69	10	02	22	700	823	X	X	BISS
B. C. OFFSHORE	22	48	43.60	126	16.00	69	10	02	23	500	951	X	X	BISS
B. C. OFFSHORE	23	48	47.50	126	7.80	69	10	03	00	125	137	X	X	BISS
B. C. OFFSHORE	24	48	50.80	126	6.00	69	10	03	01	100		X	X	BISS
B. C. OFFSHORE	25	48	55.30	125	58.00	69	10	03	02	60		X	X	BISS
B. C. OFFSHORE	26	49	0.00	125	52.20	69	10	03	03	40	45	X	X	BISS
B. C. OFFSHORE	27	49	6.00	126	4.00	69	10	03	04	42	53	X	X	BISS
B. C. OFFSHORE	28	49	6.00	126	10.40	69	10	03	05	58	64	X	X	BISS
B. C. OFFSHORE	29	49	3.60	126	14.50	69	10	03	06	80	91	X	X	BISS
B. C. OFFSHORE	30	49	0.50	126	16.00	69	10	03	06	120	129	X	X	BISS
B. C. OFFSHORE	31	48	57.20	126	25.50	69	10	03	07	120	155	X	X	BISS
B. C. OFFSHORE	32	48	53.00	126	30.00	69	10	03	08	160	179	X	X	BISS
B. C. OFFSHORE	33	48	50.00	126	36.50	69	10	03	08	340	782	X	X	BISS
B. C. OFFSHORE	34	48	46.50	126	42.00	69	10	03	09	515	817	X	X	BISS
B. C. OFFSHORE	35	48	40.20	126	50.00	69	10	03	10	1300	1448	X	X	BISS
B. C. OFFSHORE	36	49	20.80	126	36.00	69	10	03	14	34	40	X	X	BISS
B. C. OFFSHORE	37	49	14.00	126	45.50	69	10	03	15	120	128	X	X	BISS
B. C. OFFSHORE	38	49	9.00	126	52.50	69	10	03	16	180	188	X	X	BISS
B. C. OFFSHORE	39	49	4.90	127	2.00	69	10	03	17	1000	1525	X	X	BISS
B. C. OFFSHORE	40	48	58.00	127	12.00	69	10	03	18	1500	2103	X	X	BISS
B. C. OFFSHORE	41	48	44.00	127	32.00	69	10	03	21	1500		X	X	BISS
B. C. OFFSHORE	42	48	31.50	127	51.50	69	10	03	23	1500	2743	X	X	BISS
B. C. OFFSHORE	43	48	17.50	128	13.00	69	10	04	01	1500	2615	X	X	BISS
B. C. OFFSHORE	44	48	2.00	128	36.00	69	10	04	04	1500	2560	X	X	BISS
B. C. OFFSHORE	45	47	47.00	128	57.00	69	10	04	06	1500	2560	X	X	BISS
B. C. OFFSHORE	46	47	36.00	129	18.00	69	10	04	09	1500		X	X	BISS
B. C. OFFSHORE	47	47	20.00	129	38.00	69	10	04	11	1500	2011	X	X	BISS
B. C. OFFSHORE	48	48	0.00	130	15.00	69	10	04	17	1500		X	X	BISS
B. C. OFFSHORE	49	48	18.00	129	49.00	69	10	04	20	1500		X	X	BISS
B. C. OFFSHORE	50	48	27.00	129	30.00	69	10	04	23	1500	2286	X	X	BISS
B. C. OFFSHORE	51	48	40.30	129	9.20	69	10	05	01	1500	2834	X	X	BISS
B. C. OFFSHORE	52	48	52.00	128	40.00	69	10	05	04	1500	2560	X	X	BISS
B. C. OFFSHORE	53	49	5.20	128	20.00	69	10	05	07	1500	2468	X	X	BISS
B. C. OFFSHORE	54	49	11.50	128	6.00	69	10	05	09	1500	2414	X	X	BISS
B. C. OFFSHORE	55	49	20.00	127	44.20	69	10	05	11	800	1737	X	X	BISS
B. C. OFFSHORE	56	49	27.70	127	31.30	69	10	05	14	1090	1133	X	X	BISS
B. C. OFFSHORE	57	49	36.00	127	19.00	69	10	05	15	150	210	X	X	BISS
B. C. OFFSHORE	58	49	42.20	127	8.00	69	10	05	16	100	109	X	X	BISS
B. C. OFFSHORE	59	50	3.00	127	59.00	69	10	05	20	186		X	X	BISS
B. C. OFFSHORE	60	49	58.00	128	12.00	69	10	05	21	1200		X	X	BISS
B. C. OFFSHORE	61	49	52.80	128	21.60	69	10	07	06	1000		X	X	BISS
B. C. OFFSHORE	62	49	43.50	128	43.00	69	10	07	23	750	2322	X	X	BISS
B. C. OFFSHORE	63	49	39.50	128	52.20	69	10	08	00	1500	2194	X	X	BISS
B. C. OFFSHORE	64	49	33.10	129	2.30	69	10	08	02	750	2286	X	X	BISS
B. C. OFFSHORE	65	49	24.20	129	20.00	69	10	08	04	1500	2377	X	X	BISS
B. C. OFFSHORE	66	49	13.00	129	40.00	69	10	08	06	1500		X	X	BISS
B. C. OFFSHORE	67	49	3.00	130	0.00	69	10	08	08	1500		X	X	BISS
B. C. OFFSHORE	68	48	49.00	130	25.00	69	10	08	11	1500	2743	X	X	BISS
B. C. OFFSHORE	69	49	42.00	130	42.00	69	10	08	15	1500	2514	X	X	BISS
B. C. OFFSHORE	70	49	54.00	130	22.00	69	10	08	18	1500	2194	X	X	BISS
B. C. OFFSHORE	71	50	0.00	130	0.00	69	10	08	20	1500		X	X	BISS
B. C. OFFSHORE	72	50	10.00	129	40.00	69	10	08	22	1500	1828	X	X	BISS
B. C. OFFSHORE	73	50	20.40	129	19.80	69	10	09	01	1500	2011	X	X	BISS
B. C. OFFSHORE	74	50	27.80	129	5.70	69	10	09	03	1500	2011	X	X	BISS
B. C. OFFSHORE	75	50	33.30	128	59.70	69	10	09	05	1500	1920	X	X	BISS
B. C. OFFSHORE	76	50	37.70	128	48.70	69	10	09	06	350	384	X	X	BISS
B. C. OFFSHORE	77	50	40.00	128	40.00	69	10	09	08	170		X	X	BISS
B. C. OFFSHORE	86	51	6.00	129	35.00	69	10	11	05	250	256	X	X	BISS
B. C. OFFSHORE	87	50	59.00	129	47.00	69	10	11	06	800	819	X	X	BISS
B. C. OFFSHORE	88	50	56.00	129	54.00	69	10	11	07	1500	1920	X	X	BISS
B. C. OFFSHORE	89	50	54.00	129	59.00	69	10	11	09	1500	2103	X	X	BISS
B. C. OFFSHORE	90	50	48.00	130	11.00	69	10	11	11	1500	2103	X	X	BISS
B. C. OFFSHORE	91	50	41.00	130	29.00	69	10	11	13	1500	2432	X	X	BISS
B. C. OFFSHORE	92	50	32.80	130	45.00	69	10	11	20	1500		X	X	BISS
B. C. OFFSHORE	93	50	25.50	131	0.00	69	10	11	21	1500	2743	X	X	BISS
B. C. OFFSHORE	94	50	16.00	131	21.00	69	10	12	01	1500	2030	X	X	BISS
B. C. OFFSHORE	95	50	5.50	131	40.00	69	10	12	03	1500		X	X	BISS
B. C. OFFSHORE	96	50	30.00	132	21.00	69	10	12	07	1500	3017	X	X	BISS
B. C. OFFSHORE	97	50	41.00	132	0.00	69	10	12	09	1500	2834	X	X	BISS
B. C. OFFSHORE	98	50	50.00	131	38.20	69	10	12	12	1500	2706	X	X	BISS
B. C. OFFSHORE	99	51	0.50	131	21.00	69	10	12	14	1500	2578	X	X	BISS
B. C. OFFSHORE	100	51	8.80	131	2.50	69	10	12	16	1500	2468	X	X	BISS
B. C. OFFSHORE	101	51	16.00	130	48.50	69	10	12	18	1500		X	X	BISS

B. C. OFFSHORE	102	51	21.00	130	34.00	69	10	12	20	1500		X		X	BISS		
B. C. OFFSHORE	103	51	25.50	130	26.00	69	10	12	21	1350	1444	X		X	BISS		
B. C. OFFSHORE	104	51	29.00	130	19.00	69	10	12	23	1200	1300	X		X	BISS		
B. C. OFFSHORE	105	51	32.00	130	14.00	69	10	13	00	825	841	X		X	BISS		
B. C. OFFSHORE	123	52	10.00	131	25.00	69	10	14	19	540	548	X		X	BISS		
B. C. OFFSHORE	124	52	8.00	131	30.00	69	10	14	20	237	246	X		X	BISS		
B. C. OFFSHORE	125	52	5.00	131	40.00	69	10	14	21	1500	1737	X		X	BISS		
B. C. OFFSHORE	126	52	4.00	131	45.00	69	10	14	23	1500	1737	X		X	BISS		
B. C. OFFSHORE	127	51	58.00	131	50.00	69	10	15	01	1500	1737	X		X	BISS		
B. C. OFFSHORE	128	51	46.00	132	15.00	69	10	15	03	1420	2560	X		X	BISS		
B. C. OFFSHORE	129	51	32.00	132	40.00	69	10	15	06	1300	2651	X		X	BISS		
B. C. OFFSHORE	130	51	7.00	132	42.00	69	10	15	10	1420		X		X	BISS		
B. C. OFFSHORE	131	51	19.00	132	19.00	69	10	15	12	1500	2743	X		X	BISS		
B. C. OFFSHORE	132	51	28.00	132	0.00	69	10	15	14	1400	2560	X		X	BISS		
B. C. OFFSHORE	133	51	36.20	131	34.00	69	10	15	17	1500	1920	X		X	BISS		
B. C. OFFSHORE	134	51	46.00	131	24.00	69	10	15	19	1140	2011	X		X	BISS		
B. C. OFFSHORE	135	51	50.00	131	15.00	69	10	15	21	1500	1828	X		X	BISS		
B. C. OFFSHORE	136	51	52.00	131	10.00	69	10	15	22	1500	1920	X		X	BISS		
B. C. OFFSHORE	137	51	53.20	131	5.80	69	10	15	23	1170	1188	X		X	BISS		
B. C. OFFSHORE	138	51	54.00	131	4.00	69	10	16	00	288	310	X		X	BISS		

BOTTLE/CTD DATA SET NUMBER: 69-0034
YEAR:1969 VESSEL/AGENCY: G.B.REED,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
OFF VAN. IS.	1	49	09.3	126	07.0	69	03										
OFF VAN. IS.	2	49	07.0	126	12.0	69	03										
OFF VAN. IS.	3	49	04.4	126	18.0	69	03										
OFF VAN. IS.	4	49	02.5	126	22.0	69	03										
OFF VAN. IS.	5	49	00.0	126	27.5	69	03										
OFF VAN. IS.	6	48	57.5	126	32.0	69	03										
OFF VAN. IS.	7	48	54.5	126	39.0	69	03										
OFF VAN. IS.	8	48	51.2	126	46.5	69	03										
OFF VAN. IS.	9	48	47.0	126	55.5	69	03										
OFF VAN. IS.	10	48	51.2	126	46.5	69	03										
OFF VAN. IS.	11	48	54.5	126	39.0	69	03										
OFF VAN. IS.	12	48	57.5	126	32.0	69	03										
OFF VAN. IS.	13	49	00.0	126	27.5	69	03										
OFF VAN. IS.	14	49	02.5	126	22.0	69	03										
OFF VAN. IS.	15	49	04.4	126	18.0	69	03										
OFF VAN. IS.	16	49	07.0	126	12.0	69	03										
OFF VAN. IS.	17	49	09.3	126	07.0	69	03										
OFF VAN. IS.	18	49	02.5	125	51.5	69	03										
OFF VAN. IS.	19	48	59.5	125	56.5	69	03										
OFF VAN. IS.	20	48	56.5	126	02.5	69	03										
OFF VAN. IS.	21	48	54.5	126	07.0	69	03										
OFF VAN. IS.	22	48	51.0	126	13.5	69	03										
OFF VAN. IS.	23	48	48.0	126	20.5	69	03										
OFF VAN. IS.	24	48	44.5	126	28.0	69	03										
OFF VAN. IS.	25	48	40.5	126	35.0	69	03										
OFF VAN. IS.	26	48	37.0	126	42.5	69	03										
OFF VAN. IS.	27	48	26.0	126	31.0	69	03										
OFF VAN. IS.	28	48	30.0	126	22.5	69	03										
OFF VAN. IS.	29	48	33.5	126	14.5	69	03										
OFF VAN. IS.	30	48	37.5	126	07.5	69	03										
OFF VAN. IS.	31	48	40.5	126	01.0	69	03										
OFF VAN. IS.	32	48	44.0	125	55.0	69	03										
OFF VAN. IS.	33	48	47.0	125	50.0	69	03										
OFF VAN. IS.	34	48	49.5	125	44.0	69	03										
OFF VAN. IS.	35	48	52.5	125	39.0	69	03										

BOTTLE/CTD DATA SET NUMBER: 69-0038
YEAR:1969 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	JF9	48	25.00	125	0.00	69	01	21	18	250	280	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0039
YEAR:1969 VESSEL/AGENCY: AKADEMIK SHIRSHOV (USSR)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	62	46	44.00	128	53.00	69	02	24	11	1532		X		X	BOTT		
B. C. OFFSHORE	63	47	16.00	127	42.00	69	02	24	17	600		X		X	BOTT		
B. C. OFFSHORE	64	47	53.00	126	35.00	69	02	24	22	2052		X		X	BOTT		
B. C. OFFSHORE	65	48	34.00	126	5.00	69	03	01	11	63		X		X	BOTT		
B. C. OFFSHORE	66	48	36.00	127	44.00	69	03	01	17	1776		X		X	BOTT		
B. C. OFFSHORE	67	48	38.00	128	57.00	69	03	01	23	1482		X		X	BOTT		
B. C. OFFSHORE	68	48	42.00	130	25.00	69	03	02	05	1570		X		X	BOTT		
B. C. OFFSHORE	69	48	45.00	131	56.00	69	03	02	13	1820		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0041
YEAR:1969 VESSEL/AGENCY: LAYMORE,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	2	53	0.00	134	15.00	69	03	04	05	893	2617	X		X	BOTT		
B. C. OFFSHORE	3	52	0.00	133	0.00	69	03	04	14	868	2655	X		X	BOTT		
B. C. OFFSHORE	4	50	45.00	131	30.00	69	03	05	02	1478	2876	X		X	BOTT		
B. C. OFFSHORE	5	49	45.00	130	18.00	69	03	05	15		1907	X		X	BOTT		
B. C. OFFSHORE	6	48	44.50	128	44.00	69	03	06	01	974	2487	X		X	BOTT		
B. C. OFFSHORE	7	47	30.00	127	30.00	69	03	06	12	856	2589	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0043
YEAR:1969 VESSEL/AGENCY: T.G. THOMPSON,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	22	48	0.50	125	50.00	69	06	01	22	200	1330	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0044
YEAR:1969 VESSEL/AGENCY: LAYMORE,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	5	53	0.00	134	15.00	69	06	27	22	1426	2628	X		X	BOTT		
B. C. OFFSHORE	6	52	0.00	133	0.00	69	06	28	06	1443	2695	X		X	BOTT		
B. C. OFFSHORE	7	50	26.10	131	6.00	69	06	28	15	1381	2675	X		X	BOTT		
B. C. OFFSHORE	8	49	41.00	130	12.50	69	06	28	21	1485	2370	X		X	BOTT		
B. C. OFFSHORE	9	49	2.00	129	11.50	69	06	29	03	1473	2372	X		X	BOTT		
B. C. OFFSHORE	10	47	30.00	127	30.00	69	06	29	16	2569	2591	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0045
YEAR:1969 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	3	48	17.00	125	5.00	69	07	16	14	250	283	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0046
YEAR:1969 VESSEL/AGENCY: PARIZEAU,DREP

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	53	18.01	135	39.60	69	08	14	23	100	107	X		X	BOTT		
B. C. OFFSHORE	2	53	19.10	135	41.00	69	08	14	23	247	548	X		X	BOTT		
B. C. OFFSHORE	3	53	19.30	135	35.60	69	08	15	00	250	548	X		X	BOTT		
B. C. OFFSHORE	4	53	17.00	135	38.90	69	08	15	01	250	548	X		X	BOTT		
B. C. OFFSHORE	5	53	15.70	135	45.60	69	08	15	02	250	685	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0047
YEAR:1969 VESSEL/AGENCY: YAQUINA(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	405	46	38.20	129	9.20	69	08	24	12	2607		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0048
YEAR:1969 VESSEL/AGENCY: T.G. THOMPSON,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	2	48	6.00	126	59.50	69	11	03	14		2520	X		X	BOTT		
B. C. OFFSHORE	3	47	46.10	129	0.00	69	11	03	23		2454	X		X	BOTT		
B. C. OFFSHORE	4	47	44.30	129	15.50	69	11	04	00	1500	2396	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0049
YEAR:1969 VESSEL/AGENCY: MACMILLAN BLOEDEL,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	HI	49	13.72	124	49.47	69	01	22	23	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	69	02	05	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	69	03	05	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	69	03	19	21	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	69	04	02	20	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	69	04	11	15	10	10	X		X	BOTT		
ALBERNI INLET	HI	49	13.72	124	49.47	69	04	18	21	10	10	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0051B
YEAR:1969 VESSEL/AGENCY: DECIBAR,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
FATTY BASIN		40	59.0	125	01.0	69	05	23	00	15		X		X		48	21

BOTTLE/CTD DATA SET NUMBER: 70-0020A
YEAR:1970 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	16	50	35.00	129	3.00	70	05	27	13	998	1829	X		X	BOTT		
B. C. OFFSHORE	17	50	9.50	128	15.00	70	05	27	21	1000	1591	X		X	BOTT		
B. C. OFFSHORE	18	50	2.00	127	13.30	70	05	28	06	200	238	X		X	BOTT		
B. C. OFFSHORE	19	49	2.80	127	14.10	70	05	28	15	1000	1756	X		X	BOTT		
B. C. OFFSHORE	20	49	39.00	126	14.90	70	05	29	00	340	371	X		X	BOTT		
B. C. OFFSHORE	21	49	1.60	124	51.50	70	05	29	13	271	300	X		X	BOTT		
B. C. OFFSHORE	22	48	9.80	125	14.30	70	05	29	21	248	292	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0020C
YEAR:1970 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	16	50	2.80	127	10.00	70	07	25	13	450	490	X		X	BOTT		
B. C. OFFSHORE	20	50	35.00	129	3.00	70	07	27	10	999	1902	X		X	BOTT		
B. C. OFFSHORE	21	50	9.50	128	15.00	70	07	27	23	1000	1390	X		X	BOTT		
B. C. OFFSHORE	22	50	2.00	127	14.30	70	07	28	15	200	256	X		X	BOTT		
B. C. OFFSHORE	23	49	2.80	127	14.00	70	07	29	01	1000	1792	X		X	BOTT		
B. C. OFFSHORE	24	49	12.00	127	3.50	70	07	29	07	150	227	X		X	BOTT		
B. C. OFFSHORE	25	49	20.50	126	53.00	70	07	29	08	100	143	X		X	BOTT		
B. C. OFFSHORE	26	49	29.00	126	47.00	70	07	29	09	40	57	X		X	BOTT		
MUCHALAT INLET	27	49	39.00	126	14.90	70	07	29	14	340	358	X		X	BOTT		
ALBERNI INLET	28	49	1.40	125	51.50	70	07	30	03	275	311	X		X	BOTT		
B. C. OFFSHORE	29	48	9.80	125	14.30	70	07	30	10	250	274	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0031
YEAR:1970 VESSEL/AGENCY: LAYMORE,POG

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	38.00	124	59.90	70	03	05	16	52	53	X		X	BISS		
B. C. OFFSHORE	2	48	34.40	125	5.00	70	03	05	19	108	113	X		X	BISS		
B. C. OFFSHORE	3	48	26.90	125	13.60	70	03	05	21	150	164	X		X	BISS		
B. C. OFFSHORE	4	48	22.00	125	19.00	70	03	05	21	120	120	X		X	BISS		
B. C. OFFSHORE	5	48	15.00	125	27.50	70	03	05	22	75	140	X		X	BISS		
B. C. OFFSHORE	6	48	6.90	125	37.40	70	03	06	00	160	173	X		X	BISS		
B. C. OFFSHORE	7	47	52.00	125	55.00	70	03	06	02	1330	1554	X		X	BISS		
B. C. OFFSHORE	13	46	58.00	128	38.00	70	03	07	04	1500	2926	X		X	BISS		
B. C. OFFSHORE	14	47	9.00	128	30.00	70	03	07	06	1500	2926	X		X	BISS		
B. C. OFFSHORE	15	47	23.50	128	17.00	70	03	07	08	1500	2743	X		X	BISS		
B. C. OFFSHORE	16	47	40.00	127	59.00	70	03	07	11	1500		X		X	BISS		
B. C. OFFSHORE	17	47	53.00	127	37.00	70	03	07	13	1500		X		X	BISS		
B. C. OFFSHORE	18	48	3.00	127	18.00	70	03	07	16	1500	2743	X		X	BISS		
B. C. OFFSHORE	19	48	14.90	127	0.50	70	03	07	18	1500	2743	X		X	BISS		
B. C. OFFSHORE	20	48	28.00	126	40.00	70	03	07	20	1500	1828	X		X	BISS		
B. C. OFFSHORE	21	48	34.00	126	31.00	70	03	07	22	1250	1371	X		X	BISS		
B. C. OFFSHORE	22	48	37.00	126	25.00	70	03	07	23	880	887	X		X	BISS		
B. C. OFFSHORE	23	48	41.50	126	20.50	70	03	08	00	700	759	X		X	BISS		
B. C. OFFSHORE	24	48	43.50	126	16.00	70	03	08	00	400	457	X		X	BISS		
B. C. OFFSHORE	25	48	48.00	126	10.00	70	03	08	01	130	137	X		X	BISS		
B. C. OFFSHORE	26	48	51.00	126	6.00	70	03	08	02	94	95	X		X	BISS		
B. C. OFFSHORE	27	48	56.00	125	57.50	70	03	08	03	48	64	X		X	BISS		
B. C. OFFSHORE	28	49	0.00	125	53.00	70	03	08	03	20	36	X		X	BISS		

B. C. OFFSHORE	29	49	8.00	126	7.00	70	03	08	05	20	64	X		X	BISS
B. C. OFFSHORE	30	49	6.50	126	9.30	70	03	08	05	54	58	X		X	BISS
B. C. OFFSHORE	31	49	4.00	126	14.00	70	03	08	06	54	54	X		X	BISS
B. C. OFFSHORE	32	49	0.00	126	19.00	70	03	08	07	118	120	X		X	BISS
B. C. OFFSHORE	33	48	57.00	126	26.50	70	03	08	08	144	164	X		X	BISS
B. C. OFFSHORE	34	48	54.20	126	30.50	70	03	08	09	160	179	X		X	BISS
B. C. OFFSHORE	35	48	50.00	126	34.70	70	03	08	10	300	320	X		X	BISS
B. C. OFFSHORE	36	48	46.00	126	41.00	70	03	08	11	900		X		X	BISS
B. C. OFFSHORE	37	48	40.50	126	52.00	70	03	08	14	1100	1280	X		X	BISS
B. C. OFFSHORE	38	49	22.00	126	36.00	70	03	08	18	43	43	X		X	BISS
B. C. OFFSHORE	39	49	15.00	126	46.00	70	03	08	19	120	124	X		X	BISS
B. C. OFFSHORE	40	49	9.00	126	54.00	70	03	08	20	276	290	X		X	BISS
B. C. OFFSHORE	41	49	4.20	127	2.00	70	03	08	21	1000	1097	X		X	BISS
B. C. OFFSHORE	42	48	57.60	127	11.50	70	03	08	22	1500	2194	X		X	BISS
B. C. OFFSHORE	43	48	44.00	127	33.50	70	03	09	01	1500	2560	X		X	BISS
B. C. OFFSHORE	44	48	28.20	127	54.20	70	03	09	03	1500	2743	X		X	BISS
B. C. OFFSHORE	45	48	18.20	128	11.80	70	03	09	06	525	2743	X		X	BISS
B. C. OFFSHORE	46	48	1.00	128	36.00	70	03	09	09	1500	2560	X		X	BISS
B. C. OFFSHORE	47	47	48.00	128	58.00	70	03	09	11	1500	2743	X		X	BISS
B. C. OFFSHORE	48	47	35.00	129	22.00	70	03	09	14	1480		X		X	BISS
B. C. OFFSHORE	49	47	30.00	129	45.00	70	03	09	16	1500	2743	X		X	BISS
B. C. OFFSHORE	50	48	0.00	130	17.00	70	03	09	21	1500	3109	X		X	BISS
B. C. OFFSHORE	51	48	10.00	130	0.00	70	03	09	23	1500	3109	X		X	BISS
B. C. OFFSHORE	52	48	27.00	129	30.00	70	03	10	02	1500		X		X	BISS
B. C. OFFSHORE	53	48	41.00	129	6.50	70	03	10	05	1500	2926	X		X	BISS
B. C. OFFSHORE	54	48	52.60	128	44.40	70	03	10	07	1500	2560	X		X	BISS
B. C. OFFSHORE	55	49	4.40	128	19.30	70	03	10	10	1500	2743	X		X	BISS
B. C. OFFSHORE	56	49	14.50	128	0.00	70	03	10	12	1500	1828	X		X	BISS
B. C. OFFSHORE	57	49	22.50	127	45.00	70	03	10	14	1500	1828	X		X	BISS
B. C. OFFSHORE	58	49	28.50	127	35.00	70	03	10	15	1500	1645	X		X	BISS
B. C. OFFSHORE	59	49	36.20	127	19.60	70	03	10	19	150	155	X		X	BISS
B. C. OFFSHORE	60	49	42.00	127	8.00	70	03	10	20	90	100	X		X	BISS
B. C. OFFSHORE	61	50	4.10	127	58.80	70	03	11	00	186	192	X		X	BISS
B. C. OFFSHORE	62	49	58.00	128	12.00	70	03	11	01	1200		X		X	BISS
B. C. OFFSHORE	63	49	54.00	128	23.00	70	03	11	03	1500	2560	X		X	BISS
B. C. OFFSHORE	64	49	42.00	128	41.00	70	03	11	05	1500	2560	X		X	BISS
B. C. OFFSHORE	65	49	39.00	128	49.40	70	03	11	06	1500	2560	X		X	BISS
B. C. OFFSHORE	66	49	31.70	129	0.70	70	03	11	09	1500	2194	X		X	BISS
B. C. OFFSHORE	67	49	24.20	129	20.00	70	03	11	12	1300		X		X	BISS
B. C. OFFSHORE	68	49	15.00	129	35.00	70	03	11	14	1500		X		X	BISS
B. C. OFFSHORE	69	49	10.00	129	51.00	70	03	11	16	1500	2651	X		X	BISS
B. C. OFFSHORE	70	49	0.00	130	10.00	70	03	11	19	1500	2926	X		X	BISS
B. C. OFFSHORE	71	49	43.00	130	33.00	70	03	12	00	1500		X		X	BISS
B. C. OFFSHORE	72	49	49.00	130	20.00	70	03	12	02	1500		X		X	BISS
B. C. OFFSHORE	73	50	0.80	129	58.60	70	03	12	04	1475	2377	X		X	BISS
B. C. OFFSHORE	74	50	10.30	129	39.80	70	03	12	06	1400	1328	X		X	BISS
B. C. OFFSHORE	75	50	33.50	128	53.00	70	03	13	19	1400	1737	X		X	BISS
B. C. OFFSHORE	76	50	37.00	128	46.00	70	03	13	20	148	179	X		X	BISS
B. C. OFFSHORE	77	50	40.00	128	39.50	70	03	13	21	150	155	X		X	BISS
B. C. OFFSHORE	86	51	5.50	129	33.50	70	03	15	14	240	265	X		X	BISS
B. C. OFFSHORE	87	50	57.50	129	47.00	70	03	15	16	490	521	X		X	BISS
B. C. OFFSHORE	88	50	55.40	129	56.00	70	03	15	17	1350	1554	X		X	BISS
B. C. OFFSHORE	89	50	54.00	130	0.00	70	03	15	18	900	1005	X		X	BISS
B. C. OFFSHORE	90	50	48.00	130	12.00	70	03	15	20	1500		X		X	BISS
B. C. OFFSHORE	91	50	46.00	130	27.00	70	03	15	22	1400	2011	X		X	BISS
B. C. OFFSHORE	92	50	33.00	130	34.00	70	03	16	01	500	1517	X		X	BISS

BOTTLE/CTD DATA SET NUMBER: 70-0039
YEAR:1970 VESSEL/AGENCY: ENDEAVOUR,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	13.00	126	48.00	70	04	14	19	990	2468	X		X	BOTT		
B. C. OFFSHORE	2	48	8.00	125	53.00	70	04	15	17	993	1097	X		X	BOTT		
B. C. OFFSHORE	3	48	7.00	125	18.00	70	04	15	21	200	238	X		X	BOTT		
B. C. OFFSHORE	4	49	0.00	124	53.00	70	04	16	17	275	338	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0041
YEAR:1970 VESSEL/AGENCY: T.G. THOMPSON,U.WASHINGTON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	37	49	17.50	130	31.00	70	05	23	22	200	1655	X		X	BOTT		
B. C. OFFSHORE	38	48	20.20	127	12.30	70	05	24	18	197	2687	X		X	BOTT		
B. C. OFFSHORE	39	47	28.50	127	57.00	70	05	26	04	199	2633	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0042
YEAR:1970 VESSEL/AGENCY: HAKUHO-MARU(JAPAN)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	23	50	1.00	131	9.00	70	05	25	16	3012	3000	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0044
YEAR:1970 VESSEL/AGENCY: LAYMORE,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	45.00	127	30.00	70	08	05	23	2493	2650	X		X	BOTT		
B. C. OFFSHORE	2	48	45.00	127	30.00	70	08	06	20	2750	3250	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0046
YEAR:1970 VESSEL/AGENCY: PROTEUS(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	23	47	32.00	129	10.00	70	08	22	17	840	2500	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0047
YEAR:1970 VESSEL/AGENCY: E.P.ALBERNI,PBS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	1	49	14.0	124	49.5	70	01	20	18	10		X		X	BECK		
ALBERNI INLET	2	49	13.0	124	49.3	70	01	20	20	30		X		X	BECK		
ALBERNI INLET	A	49	13.0	124	49.3	70	01	27	19	15		X		X	BECK		
ALBERNI INLET	1	49	10.5	124	49.3	70	01	27	23	30		X		X	BECK		

ALBERNI INLET	C	49	00.7	125	02.2	70	01	28	19	50		X	X BECK
ALBERNI INLET	2	48	58.75	124	59.3	70	01	28	21	50		X	X BECK
ALBERNI INLET	1	49	13.0	124	49.3	70	01	29		2		X	X BECK
ALBERNI INLET	2	49	09.25	124	48.0	70	01	29		2		X	X BECK
ALBERNI INLET	3	49	07.85	124	48.3	70	01	29		2		X	X BECK
ALBERNI INLET	4	49	06.4	124	49.3	70	01	29		2		X	X BECK
ALBERNI INLET	5	49	03.6	124	50.8	70	01	29		2		X	X BECK
ALBERNI INLET	6	49	00.6	124	52.0	70	01	29		2		X	X BECK
ALBERNI INLET	7	48	59.0	124	54.3	70	01	29		2		X	X BECK
ALBERNI INLET	8	48	58.8	124	56.6	70	01	29		2		X	X BECK
ALBERNI INLET	B	48	58.2	124	58.8	70	03	10	16	50		X	X BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	03	10	18	20		X	X BECK
ALBERNI INLET	1	48	58.8	124	56.6	70	03	11	16	20		X	X BECK
ALBERNI INLET	2	49	00.6	124	52.0	70	03	11	19	20		X	X BECK
ALBERNI INLET	3	49	03.6	124	50.8	70	03	11	23	20		X	X BECK
ALBERNI INLET	4	49	06.4	124	49.3	70	03	12	17	20		X	X BECK
ALBERNI INLET	5	49	09.25	124	48.0	70	03	12	19	20		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	03	13	16	20		X	X BECK
ALBERNI INLET	6	49	11.0	124	49.1	70	03	13	19	20		X	X BECK
ALBERNI INLET	1	48	58.8	124	56.15	70	04	08	01	50		X	X BECK
ALBERNI INLET	2	48	58.8	124	56.15	70	04	08	18	25		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	04	09	17	25		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	04	14	20	25		X	X BECK
ALBERNI INLET	1	49	03.6	124	50.8	70	04	14	22	50		X	X BECK
ALBERNI INLET	B	48	58.2	124	58.8	70	04	15	17	50		X	X BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	04	15	22	40		X	X BECK
ALBERNI INLET	2	48	59.4	124	53.7	70	04	16	15	50		X	X BECK
ALBERNI INLET	3	49	02.4	124	51.4	70	04	16	19	50		X	X BECK
ALBERNI INLET	4	49	05.2	124	49.5	70	04	16	21	50		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	04	17	16	25		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	05	17	15	29	X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	05	19	29	32	X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	05	23	30	32	X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	06	02	26	27	X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	06	05	34		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	06	08	36	36	X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	06	11	30	36	X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	06	14	28		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	06	17	34		X	X BECK
ALBERNI INLET	1	48	59.4	124	59.8	70	05	12	01	50		X	X BECK
ALBERNI INLET	2	49	01.5	125	01.6	70	05	12	15	22		X	X BECK
ALBERNI INLET	B	48	58.75	124	59.3	70	05	12	16	40		X	X BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	05	12	20	54		X	X BECK
ALBERNI INLET	3	48	58.2	124	58.8	70	05	12	22	75		X	X BECK
ALBERNI INLET	4	48	58.7	124	56.2	70	05	13	15	220		X	X BECK
ALBERNI INLET	5	49	00.6	124	52.0	70	05	13	17	120		X	X BECK
ALBERNI INLET	6	49	03.6	124	50.8	70	05	13	19	131		X	X BECK
ALBERNI INLET	7	49	05.2	124	49.5	70	05	13	21	91		X	X BECK
ALBERNI INLET	13	49	14.2	124	49.6	70	05	14		12		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	05	14	15	32		X	X BECK
ALBERNI INLET	8	49	10.5	124	49.3	70	05	14	17	84		X	X BECK
ALBERNI INLET	9	49	09.25	124	40.0	70	05	14	20	69		X	X BECK
ALBERNI INLET	10	49	14.2	124	49.6	70	05	14	21	12		X	X BECK
ALBERNI INLET	11	49	14.2	124	49.6	70	05	14	21	12		X	X BECK
ALBERNI INLET	12	49	14.2	124	49.6	70	05	14	21	6		X	X BECK
ALBERNI INLET	1	49	11.0	124	49.1	70	05	28	16	85		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	01	17	30		X	X BECK
ALBERNI INLET	A1	49	13.0	124	49.3	70	06	02	12	26		X	X BECK
ALBERNI INLET	1-1	49	12.4	124	49.3	70	06	02	14	50		X	X BECK
ALBERNI INLET	A2	49	13.0	124	49.3	70	06	02	15	32		X	X BECK
ALBERNI INLET	1-2	49	12.4	124	49.3	70	06	02	16	61		X	X BECK
ALBERNI INLET	A3	49	13.0	124	49.3	70	06	02	17	33		X	X BECK
ALBERNI INLET	1-3	49	12.4	124	49.3	70	06	02	18	60		X	X BECK
ALBERNI INLET	A4	49	13.0	124	49.3	70	06	02	19	34		X	X BECK
ALBERNI INLET	1-4	49	12.4	124	49.3	70	06	02	20	67		X	X BECK
ALBERNI INLET	A5	49	13.0	124	49.3	70	06	02	21	34		X	X BECK
ALBERNI INLET	1-5	49	12.4	124	49.3	70	06	02	22	67		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	09	17	30		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	10	22	30		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	11	16	28		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	12	18	30		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	15	03	30		X	X BECK
ALBERNI INLET	1	49	13.9	124	49.6	70	06	15	06	15		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	15	16	34		X	X BECK
ALBERNI INLET	B1	49	13.7	124	49.2	70	06	15	21	8		X	X BECK
ALBERNI INLET	2	49	14.2	124	49.6	70	06	15	23	10		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	16	15	32		X	X BECK
ALBERNI INLET	2	49	14.2	124	49.6	70	06	16	18	12		X	X BECK
ALBERNI INLET	2	49	14.2	124	49.6	70	06	17	13	10		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	17	18	30		X	X BECK
ALBERNI INLET	2	49	14.2	124	49.6	70	06	18	18	10		X	X BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	18	22	30		X	X BECK
ALBERNI INLET	2	49	14.2	124	49.6	70	06	19		11		X	X BECK

ALBERNI INLET	A	49	13.0	124	49.3	70	06	19	15	30	X		X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	06	22	17	31	X		X	BECK
ALBERNI INLET	B	48	58.2	124	58.8	70	06	23	14	30	X		X	BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	06	23	20	30	X		X	BECK
ALBERNI INLET	B1	49	13.7	124	49.2	70	06	25		7	X		X	BECK
ALBERNI INLET	B1	49	13.7	124	49.2	70	06	26	16	8	X		X	BECK
ALBERNI INLET	B1	49	13.7	124	49.2	70	06	29	20	8	X		X	BECK
ALBERNI INLET	B1	49	13.7	124	49.2	70	06	30	15	7	X		X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	07	01	20	30		X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	07	02	02	30		X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	07	02	14	30		X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	07	20	20	20	X	X	X	BECK
ALBERNI INLET	1	49	11.0	124	49.1	70	07	20	21	80	X	X	X	BECK
ALBERNI INLET	2	49	09.4	124	49.8	70	07	20	22	100	X	X	X	BECK
ALBERNI INLET	3	49	03.6	124	50.8	70	07	21	00	100	X	X	X	BECK
ALBERNI INLET	4	48	58.8	124	56.6	70	07	21	02	100	X	X	X	BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	07	21	03	48	X	X	X	BECK
ALBERNI INLET	B	48	58.2	124	58.8	70	07	21	15	30	X	X	X	BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	07	21	21	50	X	X	X	BECK
ALBERNI INLET	5	48	59.4	124	53.7	70	07	22	15	100	X	X	X	BECK
ALBERNI INLET	5	48	59.4	124	53.7	70	07	22	15	344			X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	07	23	13	30	X	X	X	BECK
ALBERNI INLET	B1	49	13.7	124	49.2	70	07	29	20	9	X	X	X	BECK
ALBERNI INLET	1	49	14.2	124	49.6	70	08	04	20	9	X	X	X	BECK
ALBERNI INLET	1	49	14.2	124	49.6	70	08	05	15	9	X	X	X	BECK
ALBERNI INLET	2	49	13.9	124	49.6	70	08	05	16	15	X	X	X	BECK
ALBERNI INLET	3	49	13.0	124	49.3	70	08	05	17	30	X	X	X	BECK
ALBERNI INLET	4	49	12.4	124	49.3	70	08	05	18	50	X	X	X	BECK
ALBERNI INLET	5	49	11.0	124	49.1	70	08	05	19	50	X	X	X	BECK
ALBERNI INLET	6	49	10.5	124	49.3	70	08	05	19	50	X	X	X	BECK
ALBERNI INLET	7	49	09.25	124	48.0	70	08	05	20	50	X	X	X	BECK
ALBERNI INLET	8	49	07.85	124	48.3	70	08	05	21	50	X	X	X	BECK
ALBERNI INLET	9	49	03.6	124	50.8	70	08	05	23	50	X	X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	08	06		10	X	X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	08	11	15	15	X	X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	08	12	20	10	X	X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	08	13	15	15	X	X	X	BECK
ALBERNI INLET	1	49	14.2	124	49.6	70	08	24	20	10	X	X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	08	24	21	30	X	X	X	BECK
ALBERNI INLET	2	49	09.4	124	49.8	70	08	24	22	30	X	X	X	BECK
ALBERNI INLET	3	49	05.2	124	49.5	70	08	24	23	30	X	X	X	BECK
ALBERNI INLET	4	49	02.4	124	51.4	70	08	25	00	30	X	X	X	BECK
ALBERNI INLET	5	48	58.8	124	56.15	70	08	25	01	30	X	X	X	BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	08	25	02	30	X	X	X	BECK
ALBERNI INLET	B	48	58.2	124	58.8	70	08	25	15	50	X	X	X	BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	08	26	15	50	X	X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	08	27	15	30	X	X	X	BECK
ALBERNI INLET	A	49	13.0	124	49.3	70	10	20	15	30		X	X	BECK
ALBERNI INLET	1	49	02.4	124	51.4	70	10	21	16	30		X	X	BECK
ALBERNI INLET	2	48	58.7	124	56.2	70	10	21	21	30		X	X	BECK
ALBERNI INLET	B	48	58.2	124	58.8	70	10	22	16	30		X	X	BECK
ALBERNI INLET	C	49	00.7	125	02.2	70	10	23	15	30		X	X	BECK
ALBERNI INLET	1	49	14.2	124	49.6	70	10	27	21	6	X	X	X	BECK
ALBERNI INLET	2	49	13.9	124	49.6	70	10	27	22	19	X	X	X	BECK
ALBERNI INLET	3	49	13.0	124	49.3	70	10	28	00	30	X	X	X	BECK
ALBERNI INLET	4	49	12.4	124	49.3	70	10	28	19	30	X	X	X	BECK
ALBERNI INLET	5	49	09.4	124	49.8	70	10	28	20	30	X	X	X	BECK
ALBERNI INLET	6	49	06.4	124	49.3	70	10	28	21	30	X	X	X	BECK
ALBERNI INLET	7	49	03.6	124	50.8	70	10	28	22	30	X	X	X	BECK
ALBERNI INLET	8	49	00.6	124	52.0	70	11	03	21	50	X	X	X	BECK
ALBERNI INLET	9	48	58.2	124	58.8	70	11	03	23	50	X	X	X	BECK
ALBERNI INLET	10	48	58.75	124	59.3	70	11	04	00	50	X	X	X	BECK
ALBERNI INLET	12	49	00.7	125	02.2	70	11	04	18	40	X	X	X	BECK
ALBERNI INLET	11	49	00.2	125	00.5	70	11	04	19	50	X	X	X	BECK
ALBERNI INLET	10	48	58.75	124	59.3	70	11	04	20	50	X	X	X	BECK
ALBERNI INLET	8	49	00.6	124	52.0	70	11	04	23	50	X	X	X	BECK

BOTTLE/CTD DATA SET NUMBER: 71-0037
YEAR:1971 VESSEL/AGENCY: ENDEAVOUR,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48	38.30	125	1.45	71	03	05	17	40	173	X		X	BISS		
B. C. OFFSHORE	2	48	30.00	125	10.00	71	03	05	19	133	137	X		X	BISS		

B. C. OFFSHORE	3	48	25.00	125	15.50	71	03	05	20	168	179	X	X	BISS
B. C. OFFSHORE	4	48	18.50	125	24.20	71	03	05	22	122	133	X	X	BISS
B. C. OFFSHORE	5	48	12.00	125	31.20	71	03	05	23	152	160	X	X	BISS
B. C. OFFSHORE	6	48	6.00	125	39.00	71	03	06	00	248	265	X	X	BISS
B. C. OFFSHORE	7	47	55.00	125	52.00	71	03	06	03	1500	1600	X	X	BISS
B. C. OFFSHORE	12	47	27.00	127	15.00	71	03	08	03	1500		X	X	BISS
B. C. OFFSHORE	13	47	59.70	127	20.50	71	03	08	09	1500	2743	X	X	BISS
B. C. OFFSHORE	14	48	14.70	127	0.60	71	03	08	12	1300		X	X	BISS
B. C. OFFSHORE	15	48	28.00	126	40.00	71	03	08	15	1400		X	X	BISS
B. C. OFFSHORE	16	48	34.50	126	32.00	71	03	08	17	1100	1554	X	X	BISS
B. C. OFFSHORE	17	48	37.75	126	26.00	71	03	08	18	1000	1042	X	X	BISS
B. C. OFFSHORE	18	48	42.67	126	18.00	71	03	08	19	498		X	X	BISS
B. C. OFFSHORE	19	48	45.00	126	15.20	71	03	08	21	178	182	X	X	BISS
B. C. OFFSHORE	20	48	47.30	126	12.80	71	03	08	22	137	146	X	X	BISS
B. C. OFFSHORE	21	48	51.60	126	6.00	71	03	08	23	79	91	X	X	BISS
B. C. OFFSHORE	22	48	54.50	126	1.00	71	03	09	00	50	58	X	X	BISS
B. C. OFFSHORE	23	49	0.00	125	53.20	71	03	09	01	25	29	X	X	BISS
B. C. OFFSHORE	24	48	51.90	125	38.00	71	03	12	21	38	40	X	X	BISS
B. C. OFFSHORE	25	48	48.00	125	46.00	71	03	12	23	48	49	X	X	BISS
B. C. OFFSHORE	26	48	45.00	125	51.80	71	03	13	00	62	73	X	X	BISS
B. C. OFFSHORE	27	48	42.00	125	58.00	71	03	13	01	72		X	X	BISS
B. C. OFFSHORE	28	48	36.60	126	8.80	71	03	13	03	247	259	X	X	BISS
B. C. OFFSHORE	29	48	32.42	126	18.00	71	03	13	06	727	749	X	X	BISS
B. C. OFFSHORE	30	48	28.00	126	19.00	71	03	13	07	800	823	X	X	BISS
B. C. OFFSHORE	31	48	24.60	126	19.80	71	03	13	08	1050	1170	X	X	BISS
B. C. OFFSHORE	32	48	17.20	126	25.00	71	03	13	11	1500	2158	X	X	BISS
B. C. OFFSHORE	33	48	37.00	126	55.00	71	03	13	14	1455	1499	X	X	BISS
B. C. OFFSHORE	34	48	43.00	126	49.00	71	03	13	17	1350	1426	X	X	BISS
B. C. OFFSHORE	35	48	45.50	126	42.50	71	03	13	19	1150		X	X	BISS
B. C. OFFSHORE	36	48	50.10	126	38.10	71	03	13	20	576	594	X	X	BISS
B. C. OFFSHORE	37	48	55.30	126	30.60	71	03	13	22	150	175	X	X	BISS
B. C. OFFSHORE	38	48	58.60	126	25.60	71	03	13	23	148	155	X	X	BISS
B. C. OFFSHORE	39	49	1.60	126	21.60	71	03	14	00	125	137	X	X	BISS
B. C. OFFSHORE	40	49	21.50	126	37.00	71	03	16	02	30	34	X	X	BISS
B. C. OFFSHORE	41	49	17.00	126	44.00	71	03	16	04	112	124	X	X	BISS
B. C. OFFSHORE	42	49	10.50	126	53.50	71	03	16	05	159	173	X	X	BISS
B. C. OFFSHORE	43	49	6.25	127	0.00	71	03	16	06	646	667	X	X	BISS
B. C. OFFSHORE	44	49	0.10	127	10.20	71	03	16	08	1500	1737	X	X	BISS
B. C. OFFSHORE	45	48	55.70	127	15.50	71	03	16	10	1500	2084	X	X	BISS
B. C. OFFSHORE	46	48	45.00	127	31.00	71	03	16	13	1500		X	X	BISS
B. C. OFFSHORE	47	49	16.00	128	0.00	71	03	16	17	1500	2487	X	X	BISS
B. C. OFFSHORE	48	49	20.00	127	46.00	71	03	16	19	1500	2377	X	X	BISS
B. C. OFFSHORE	49	49	25.50	127	41.70	71	03	16	21	1500	2011	X	X	BISS
B. C. OFFSHORE	50	49	30.10	127	41.70	71	03	16	23	1150	1188	X	X	BISS
B. C. OFFSHORE	51	49	32.50	127	28.00	71	03	17	00	785	795	X	X	BISS
B. C. OFFSHORE	52	49	36.40	127	19.40	71	03	17	01	150	155	X	X	BISS
B. C. OFFSHORE	53	49	42.00	127	8.00	71	03	17	03	92	100	X	X	BISS
B. C. OFFSHORE	54	49	54.20	127	47.50	71	03	17	06	170	179	X	X	BISS
B. C. OFFSHORE	55	50	5.50	127	58.50	71	03	17	09	150		X	X	BISS
B. C. OFFSHORE	56	50	2.00	128	6.00	71	03	17	10	1300	1371	X	X	BISS
B. C. OFFSHORE	57	49	55.70	128	16.80	71	03	17	12	1500	1810	X	X	BISS
B. C. OFFSHORE	58	49	50.00	128	29.50	71	03	17	14	1500	2011	X	X	BISS
B. C. OFFSHORE	59	49	45.40	128	35.00	71	03	17	17	1500	2011	X	X	BISS
B. C. OFFSHORE	60	50	5.00	129	5.00	71	03	17	19	1500	2194	X	X	BISS
B. C. OFFSHORE	61	50	19.80	129	22.10	71	03	17	22	1500	1645	X	X	BISS
B. C. OFFSHORE	62	50	25.20	129	12.20	71	03	17	23	1500	2011	X	X	BISS
B. C. OFFSHORE	63	50	32.20	128	57.50	71	03	00	00	1500	1700	X	X	BISS
B. C. OFFSHORE	64	50	35.20	128	50.00	71	03	18	03	552	566	X	X	BISS
B. C. OFFSHORE	65	50	39.50	128	41.50	71	03	18	04	169	182	X	X	BISS
B. C. OFFSHORE	77	51	5.50	129	24.50	71	03	18	21	222	234	X	X	BISS
B. C. OFFSHORE	78	51	0.10	129	37.50	71	03	18	22	550	557	X	X	BISS
B. C. OFFSHORE	79	50	56.50	129	52.00	71	03	18	23	1500	1618	X	X	BISS
B. C. OFFSHORE	80	50	52.30	129	54.80	71	03	19	02	1500	2194	X	X	BISS
B. C. OFFSHORE	81	50	50.80	129	59.50	71	03	19	05	1500	2194	X	X	BISS
B. C. OFFSHORE	82	51	3.50	130	15.00	71	03	19	07	1425	2130	X	X	BISS
B. C. OFFSHORE	83	51	20.00	130	38.00	71	03	19	11	1500	2084	X	X	BISS
B. C. OFFSHORE	84	51	23.00	130	33.50	71	03	19	13	1500	1600	X	X	BISS
B. C. OFFSHORE	85	51	27.60	130	23.00	71	03	19	15	955		X	X	BISS
B. C. OFFSHORE	86	51	31.00	130	17.00	71	03	19	16	828	1316	X	X	BISS
B. C. OFFSHORE	95	49	3.80	126	16.50	71	03	21	05	75	86	X	X	BISS
B. C. OFFSHORE	96	49	5.80	126	13.00	71	03	21	06	50	67	X	X	BISS
B. C. OFFSHORE	97	49	7.80	126	10.00	71	03	21	07	50	54	X	X	BISS

BOTTLE/CTD DATA SET NUMBER: 71-0048
YEAR:1971 VESSEL/AGENCY: AKADEMIK KOROLEV (USSR)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	204	48	2.00	126	17.00	71	01	25	24	507	1650	X		X	BOTT		
B. C. OFFSHORE	205	48	5.00	126	12.00	71	01	30	12	513	1420	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0049
YEAR:1971 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
ALBERNI INLET	1	49	3.70	124	51.10	71	02	09	17	175	205	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0050
YEAR:1971 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	50	32.00	127	35.80	71	03	06	01	40	44	X		X	BOTT		
B. C. OFFSHORE	2	50	33.80	127	32.40	71	03	06	17	155	165	X		X	BOTT		
B. C. OFFSHORE	3	50	34.40	127	31.80	71	03	06	19	145	168	X		X	BOTT		
B. C. OFFSHORE	4	50	35.10	127	29.80	71	03	06	20	79	99	X		X	BOTT		
B. C. OFFSHORE	5	50	35.30	127	27.30	71	03	06	21	80	88	X		X	BOTT		
B. C. OFFSHORE	6	50	33.80	127	32.40	71	03	07	17	155	165	X		X	BOTT		
B. C. OFFSHORE	7	50	33.30	127	32.30	71	03	07	20	25	27	X		X	BOTT		
B. C. OFFSHORE	8	50	35.10	127	36.10	71	03	07	21	120	124	X		X	BOTT		
B. C. OFFSHORE	9	50	35.50	127	40.00	71	03	07	22	110	113	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0051
YEAR:1971 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B. C. OFFSHORE	1	50	32.00	127	35.80	71	04	21	17	55	66	X		X	BOTT		
B. C. OFFSHORE	2	50	33.80	127	32.40	71	04	21	18	155	165	X		X	BOTT		
B. C. OFFSHORE	3	50	34.40	127	31.80	71	04	21	20	95	154	X		X	BOTT		
B. C. OFFSHORE	4	50	35.10	127	29.80	71	04	21	21	120	124	X		X	BOTT		
B. C. OFFSHORE	5	50	35.30	127	27.30	71	04	21	22	85	91	X		X	BOTT		
B. C. OFFSHORE	6	50	33.30	127	32.30	71	04	21	23	30	37	X		X	BOTT		
B. C. OFFSHORE	8	50	35.10	127	36.10	71	04	22	00	120	124	X		X	BOTT		
B. C. OFFSHORE	7	50	35.50	127	40.00	71	04	22	00	110	113	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0052
YEAR:1971 VESSEL/AGENCY: AKADEMIK BERG(USSR)

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B.C. OFFSHORE	17	46	48.0	128	55.0	71	08	30	02	956	2800	X		X	BOTT		
B.C. OFFSHORE	22	50	30.0	132	40.0	71	09	05	11	1098	3100	X		X	BOTT		
B.C. OFFSHORE	23	51	4.0	131	24.0	71	09	05	17	1018	2840	X		X	BOTT		
B.C. OFFSHORE	24	51	18.0	130	12.0	71	09	05	22	915	1050	X		X	BOTT		
B.C. OFFSHORE	25	51	20.0	130	2.0	71	09	06	00	466	550	X		X	BOTT		
B.C. OFFSHORE	26	51	29.0	129	35.0	71	09	06	02	150	160	X		X	BOTT		
B.C. OFFSHORE	27	51	37.0	129	10.0	71	09	06	04	40	45	X		X	BOTT		
B.C. OFFSHORE	28	50	30.0	132	40.0	71	10	26	16	1052	3070	X		X	BOTT		
B.C. OFFSHORE	29	50	59.0	131	8.0	71	10	27	06	1041	2480	X		X	BOTT		
B.C. OFFSHORE	30	51	18.0	130	12.0	71	10	27	12	955	1008	X		X	BOTT		
B.C. OFFSHORE	31	51	21.0	130	4.0	71	10	27	14	286	340	X		X	BOTT		
Q.C. SOUND	32	51	28.0	129	35.0	71	10	27	17	100	110	X		X	BOTT		
Q.C. SOUND	33	51	33.0	129	20.0	71	10	27	19	50	56	X		X	BOTT		
B.C. OFFSHORE	34	48	30.0	128	46.0	71	10	28	13	1093	2190	X		X	BOTT		
B.C. OFFSHORE	35	48	56.0	127	55.0	71	10	28	19	1078	2500	X		X	BOTT		
B.C. OFFSHORE	36	48	23.0	127	20.0	71	10	29	10	896	960	X		X	BOTT		
B.C. OFFSHORE	42	46	40.0	128	56.0	71	11	10	19	1062	2650	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0053
YEAR:1971 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT				DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	D		YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
ALBERNI INLET	1	49	1.40	124	51.50	71	09	21	05	275	302	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0054
YEAR:1971 VESSEL/AGENCY: PARIZEAU,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	1	50	14.00	130	0.00	71	10	27	16	298		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0055
YEAR:1971 VESSEL/AGENCY: ENDEAVOUR,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B. C. OFFSHORE	1	48	10.00	125	14.40	71	02	22	22	223	265	X		X	BOTT		
B. C. OFFSHORE	2	49	0.00	124	52.60	71	02	23	07	275	302	X		X	BOTT		
B. C. OFFSHORE	3	48	0.00	127	21.30	71	02	23	23	1000	2578	X		X	BOTT		
B. C. OFFSHORE	4	49	3.00	127	14.00	71	02	24	12	996	2011	X		X	BOTT		
B. C. OFFSHORE	5	49	39.00	126	14.90	71	02	25	00	330	357	X		X	BOTT		
B. C. OFFSHORE	6	50	1.90	127	14.30	71	02	25	08	200	234	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0056
YEAR:1971 VESSEL/AGENCY: T.G. THOMPSON,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	20.80	124	47.20	71	03	02	18	26		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0057
YEAR:1971 VESSEL/AGENCY: ENDEAVOUR,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	47	47.50	127	9.00	71	05	11	18	1998	2560	X		X	BOTT		
B. C. OFFSHORE	2	49	3.00	128	1.50	71	05	12	06	1999	2538	X		X	BOTT		
B. C. OFFSHORE	3	50	35.20	127	27.60	71	05	13	16	88	88	X		X	BOTT		
B. C. OFFSHORE	4	50	34.00	127	32.40	71	05	13	18	152	155	X		X	BOTT		
B. C. OFFSHORE	5	50	33.80	127	34.00	71	05	14	20	150	155	X		X	BOTT		
B. C. OFFSHORE	6	50	34.80	127	30.30	71	05	14	21	118	126	X		X	BOTT		
B. C. OFFSHORE	7	50	35.20	127	27.60	71	05	14	21	80	84	X		X	BOTT		
B. C. OFFSHORE	8	53	17.00	133	44.50	71	05	17	09	1998	2834	X		X	BOTT		
B. C. OFFSHORE	9	51	48.00	132	30.00	71	05	18	19	1993	2615	X		X	BOTT		
B. C. OFFSHORE	10	50	35.00	130	34.00	71	05	19	08	1998	2414	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0058
YEAR:1971 VESSEL/AGENCY: T.G. THOMPSON,U.WASHINGTON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	57	49	4.00	133	13.20	71	06	09	18	197	3164	X		X	BOTT		
B. C. OFFSHORE	58	49	5.90	133	7.90	71	06	10	07	198		X		X	BOTT		
B. C. OFFSHORE	59	49	5.20	133	5.80	71	06	10	19	200		X		X	BOTT		
B. C. OFFSHORE	60	49	5.60	133	1.80	71	06	11	07	199		X		X	BOTT		
B. C. OFFSHORE	61	49	5.90	132	59.60	71	06	11	18	188		X		X	BOTT		
B. C. OFFSHORE	62	49	3.30	132	16.50	71	06	12	06	200	2633	X		X	BOTT		
B. C. OFFSHORE	63	48	49.50	130	4.00	71	06	12	19	200		X		X	BOTT		
B. C. OFFSHORE	64	48	46.60	128	47.10	71	06	13	06	200	2523	X		X	BOTT		
B. C. OFFSHORE	65	48	42.10	127	29.50	71	06	13	18	198	2615	X		X	BOTT		
B. C. OFFSHORE	66	48	35.70	126	15.10	71	06	14	06	200	571	X		X	BOTT		
B. C. OFFSHORE	67	48	23.20	124	49.10	71	06	14	16	149	183	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0059
YEAR:1971 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	9.80	125	14.30	71	07	20	05	248	294	X		X	BOTT		
B. C. OFFSHORE	2	48	5.10	126	3.00	71	07	20	16	993	1576	X		X	BOTT		
B. C. OFFSHORE	3	48	9.00	127	22.00	71	07	21	02	999	2780	X		X	BOTT		
B. C. OFFSHORE	4	48	28.50	125	20.50	71	07	22	01	148	168	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0060
YEAR:1971 VESSEL/AGENCY: G.B. KELEZ(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	8	46	45.00	128	54.00	71	10	22	11	1500	2743	X		X	CTD		
B. C. OFFSHORE	11	47	59.00	129	19.00	71	10	23	20	1500	2377	X		X	CTD		
B. C. OFFSHORE	12	48	30.00	128	20.00	71	10	24	03	1500	2378	X		X	CTD		
B. C. OFFSHORE	13	48	59.00	127	21.00	71	10	24	10	1500	1829	X		X	CTD		
B. C. OFFSHORE	14	49	12.00	126	55.00	71	10	24	15	150	183	X		X	CTD		
B. C. OFFSHORE	15	49	17.00	126	43.00	71	10	24	17	100	109	X		X	CTD		
B. C. OFFSHORE	16	49	21.00	126	39.00	71	10	24	19	30	54	X		X	CTD		
B. C. OFFSHORE	17	51	22.00	130	10.00	71	10	25	13	250	289	X		X	CTD		
B. C. OFFSHORE	18	51	14.00	130	23.00	71	10	25	17	1500	1591	X		X	CTD		
B. C. OFFSHORE	19	50	51.00	130	54.00	71	10	25	23	1500	2468	X		X	CTD		
B. C. OFFSHORE	20	50	29.00	131	26.00	71	10	26	05	1500	2834	X		X	CTD		
B. C. OFFSHORE	21	50	10.00	132	0.00	71	10	27	15	1500	2743	X		X	CTD		
B. C. OFFSHORE	22	50	29.00	131	26.00	71	10	27	21	1500	2926	X		X	CTD		
B. C. OFFSHORE	23	53	12.00	132	48.00	71	10	28	15	600	650	X		X	CTD		
B. C. OFFSHORE	24	53	5.00	133	6.00	71	10	28	18	1200	1280	X		X	CTD		
B. C. OFFSHORE	32	54	29.00	133	5.00	71	11	03	02	75	110	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 71-0061
YEAR:1971 VESSEL/AGENCY: OCEANOGRAPHER(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	22.90	124	52.90	71	10	14	04	334	342	X		X	CTD		
B. C. OFFSHORE	2	48	27.50	124	46.80	71	10	14	19	303	310	X		X	CTD		
B. C. OFFSHORE	3	48	15.30	125	1.50	71	10	15	06	323	348	X		X	CTD		
B. C. OFFSHORE	62	48	14.90	125	1.90	71	10	23	01	348	336	X		X	CTD		
B. C. OFFSHORE	64	48	22.80	124	53.80	71	10	23	04	298	306	X		X	CTD		
B. C. OFFSHORE	65	48	27.50	124	47.30	71	10	23	06	294	295	X		X	CTD		
B. C. OFFSHORE	67	48	19.10	124	54.80	71	10	23	08	235	235	X		X	CTD		
B. C. OFFSHORE	68	48	24.90	124	59.00	71	10	23	09	267	269	X		X	CTD		
B. C. OFFSHORE	69	48	27.30	124	59.70	71	10	23	10	122	135	X		X	CTD		
B. C. OFFSHORE	70	48	33.80	125	14.60	71	10	23	11	102	108	X		X	CTD		
B. C. OFFSHORE	71	48	41.40	125	14.20	71	10	23	12	90	92	X		X	CTD		
B. C. OFFSHORE	72	48	35.00	125	29.20	71	10	23	14	135	149	X		X	CTD		
B. C. OFFSHORE	73	48	30.70	125	44.10	71	10	23	15	91	94	X		X	CTD		
B. C. OFFSHORE	74	48	25.00	125	57.00	71	10	23	17	175	179	X		X	CTD		
B. C. OFFSHORE	75	48	21.80	126	6.60	71	10	23	18	378	379	X		X	CTD		
B. C. OFFSHORE	76	48	20.80	126	10.50	71	10	23	19	794	797	X		X	CTD		
B. C. OFFSHORE	77	48	18.80	126	15.00	71	10	23	20	1132	1130	X		X	CTD		
B. C. OFFSHORE	78	48	18.00	126	19.50	71	10	23	21	1598		X		X	CTD		
B. C. OFFSHORE	79	48	15.40	126	24.00	71	10	23	23	2008	2072	X		X	CTD		
B. C. OFFSHORE	80	48	33.70	127	14.60	71	10	24	06	2000	2412	X		X	CTD		
B. C. OFFSHORE	81	48	38.70	126	54.40	71	10	24	09	1324	1297	X		X	CTD		
B. C. OFFSHORE	82	48	42.50	126	46.50	71	10	24	10	1388	1386	X		X	CTD		
B. C. OFFSHORE	83	48	44.90	126	39.30	71	10	24	12	1101	1090	X		X	CTD		
B. C. OFFSHORE	84	48	45.70	126	37.30	71	10	24	13	732	736	X		X	CTD		
B. C. OFFSHORE	85	48	47.60	126	33.20	71	10	24	14	327	324	X		X	CTD		
B. C. OFFSHORE	86	48	50.30	126	27.40	71	10	24	15	184	185	X		X	CTD		
B. C. OFFSHORE	87	48	54.30	126	18.70	71	10	24	16	136	142	X		X	CTD		
B. C. OFFSHORE	88	48	58.70	126	9.70	71	10	24	17	80	90	X		X	CTD		
B. C. OFFSHORE	89	49	1.50	126	3.20	71	10	24	18	55	66	X		X	CTD		
B. C. OFFSHORE	90	48	9.00	125	22.20	71	10	24	22	105	115	X		X	CTD		
B. C. OFFSHORE	95	48	6.70	125	18.60	71	10	25	04	279	282	X		X	CTD		
B. C. OFFSHORE	96	48	14.50	125	12.00	71	10	25	05	198		X		X	CTD		
B. C. OFFSHORE	100	48	7.70	125	14.60	71	10	25	11	288	291	X		X	CTD		
B. C. OFFSHORE	101	48	14.20	125	11.20	71	10	25	12	193	196	X		X	CTD		
B. C. OFFSHORE	106	48	14.60	125	12.30	71	10	25	19	211		X		X	CTD		
B. C. OFFSHORE	111	48	14.10	125	11.70	71	10	26	01	218	220	X		X	CTD		
B. C. OFFSHORE	116	48	14.20	125	12.40	71	10	26	07	202	208	X		X	CTD		
B. C. OFFSHORE	173	48	21.80	126	5.50	71	11	01	20	362	365	X		X	CTD		
B. C. OFFSHORE	174	48	21.00	126	10.20	71	11	01	22	693	692	X		X	CTD		
B. C. OFFSHORE	175	48	19.00	126	14.50	71	11	02	23	702	1041	X		X	CTD		

B. C. OFFSHORE	176	48 15.90	126 1.20	71 11 03 18	883	925	X		X	CTD		
B. C. OFFSHORE	177	48 15.70	125 57.20	71 11 03 20	536	529	X		X	CTD		
B. C. OFFSHORE	178	48 15.80	125 53.20	71 11 03 20	531	538	X		X	CTD		
B. C. OFFSHORE	179	48 15.50	125 48.20	71 11 03 22	260	280	X		X	CTD		
B. C. OFFSHORE	180	48 15.00	125 1.00	71 11 04 00	337	336	X		X	CTD		
B. C. OFFSHORE	181	48 23.20	124 52.90	71 11 05 17	319	323	X		X	CTD		
B. C. OFFSHORE	182	48 15.10	125 0.70	71 11 05 18	340	353	X		X	CTD		
B. C. OFFSHORE	184	48 58.30	126 9.70	71 11 06 08	76	87	X		X	CTD		
B. C. OFFSHORE	185	48 21.60	124 55.60	71 11 06 17	121	133	X		X	CTD		
B. C. OFFSHORE	187	48 54.30	126 18.70	71 11 12 09	121	145	X		X	CTD		
B. C. OFFSHORE	188	48 50.30	126 27.40	71 11 12 10	168	180	X		X	CTD		
B. C. OFFSHORE	189	48 47.50	126 33.30	71 11 12 11	348	367	X		X	CTD		
B. C. OFFSHORE	190	48 45.80	126 37.00	71 11 12 11	707	715	X		X	CTD		
B. C. OFFSHORE	191	48 45.40	126 40.00	71 11 12 12	1103	1104	X		X	CTD		
B. C. OFFSHORE	192	48 34.30	127 2.80	71 11 12 16	1947	2345	X		X	CTD		
B. C. OFFSHORE	193	48 42.90	126 46.80	71 11 12 19	1280	1324	X		X	CTD		
B. C. OFFSHORE	194	48 11.70	126 32.60	71 11 13 00	2004	2430	X		X	CTD		
B. C. OFFSHORE	195	48 15.60	126 24.00	71 11 13 03	2008	2084	X		X	CTD		
B. C. OFFSHORE	196	48 19.00	126 15.00	71 11 13 06	1254	1174	X		X	CTD		
B. C. OFFSHORE	197	48 21.60	126 9.50	71 11 13 07	733	704	X		X	CTD		
B. C. OFFSHORE	198	48 22.50	126 6.40	71 11 13 08	359	362	X		X	CTD		
B. C. OFFSHORE	199	48 25.10	125 57.00	71 11 13 10	180	195	X		X	CTD		
B. C. OFFSHORE	200	48 32.00	125 44.50	71 11 13 12	93	94	X		X	CTD		
B. C. OFFSHORE	201	48 35.70	125 29.90	71 11 13 13	106	115	X		X	CTD		
B. C. OFFSHORE	202	48 0.80	125 41.20	71 11 13 18	760	775	X		X	CTD		
B. C. OFFSHORE	203	48 0.00	125 43.30	71 11 13 19	1114	1090	X		X	CTD		
B. C. OFFSHORE	204	47 56.30	125 54.20	71 11 13 21	1539	1525	X		X	CTD		
B. C. OFFSHORE	205	47 52.80	126 4.00	71 11 13 23	1780	1855	X		X	CTD		
B. C. OFFSHORE	207	47 44.90	126 37.00	71 11 14 00	2003	2244	X		X	CTD		
B. C. OFFSHORE	206	47 47.80	126 19.30	71 11 14 03	1770	1789	X		X	CTD		
B. C. OFFSHORE	249	48 14.90	125 1.90	71 11 19 00	287	290	X		X	CTD		
B. C. OFFSHORE	250	48 23.10	124 52.90	71 11 19 01	225	235	X		X	CTD		
B. C. OFFSHORE	251	48 28.50	124 47.50	71 11 19 02	313	316	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 71-0062B
YEAR:1971 VESSEL/AGENCY: PBS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET		49 12.3	124 49.5	71 07 21 15	10		X				1	26

BOTTLE/CTD DATA SET NUMBER: 71-0065A
YEAR:1971 VESSEL/AGENCY: PBS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	0	49 14.3	124 49.2	71 06 24 15	10		X					
ALBERNI INLET	2.5	49 12.9	124 49.3	71 06 24 17	10		X					
ALBERNI INLET	5	49 11.7	124 49.1	71 06 24 23	10		X					
ALBERNI INLET	8	49 09.5	124 48.3	71 06 24 21	10		X					
ALBERNI INLET	12	49 08.3	124 48.2	71 06 24 20	10		X					
ALBERNI INLET	20	49 03.9	124 51.1	71 06 24 19	10		X					

BOTTLE/CTD DATA SET NUMBER: 71-0065B
YEAR:1971 VESSEL/AGENCY: PBS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
ALBERNI INLET	0	49	14.3	124	49.2	71	08	10	13	10		X		X	BECK		
ALBERNI INLET	2.5	49	12.9	124	49.3	71	08	10	21	10		X		X	BECK		
ALBERNI INLET	5	49	11.7	124	49.1	71	08	10	20	10		X		X	BECK		
ALBERNI INLET	8	49	09.5	124	48.3	71	08	10	17	10		X		X	BECK		
ALBERNI INLET	12	49	08.3	124	48.2	71	08	10	15	10		X		X	BECK		
ALBERNI INLET	20	49	03.9	124	51.1	71	08	10	02	10		X		X	BECK		
ALBERNI INLET	29	49	00.0	124	53.0	71	08	10	00	10		X		X	BECK		
ALBERNI INLET	37	48	58.6	124	59.1	71	08	09	22	10		X		X	BECK		
ALBERNI INLET	20.	49	03.9	124	51.1	71	08	12	15	20	218	X		X	BECK		
ALBERNI INLET	38.	48	58.4	124	58.9	71	08	12	17	20		X		X	BECK		
ALBERNI INLET	2.5	49	12.9	124	49.3	71	08	17	13	15	27	X		X	BECK		
ALBERNI INLET	5.	49	11.7	124	49.1	71	08	17	15	15	68	X		X	BECK		
ALBERNI INLET	0.	49	14.3	124	49.2	71	08	17	16	6	7	X		X	BECK		
ALBERNI INLET	8.	49	09.5	124	48.3	71	08	17	19	15	113	X		X	BECK		
ALBERNI INLET	20.	49	03.9	124	51.1	71	08	17	21	15	173	X		X	BECK		
ALBERNI INLET	12.	49	08.3	124	48.2	71	08	17	23	15	133	X		X	BECK		
ALBERNI INLET	30.					71	08	18	00	15	239	X		X	BECK		
ALBERNI INLET	38.	48	58.4	124	58.9	71	08	18	16	15	181	X		X	BECK		

BOTTLE/CTD DATA SET NUMBER: 71-0065C
YEAR:1971 VESSEL/AGENCY: E.P.ALBERNI,PBS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
ALBERNI INLET	2.5	49	12.9	124	49.3	71	04	29	16	20	29	X		X	BECK		
ALBERNI INLET	2.5	49	12.9	124	49.3	71	04	29	23	20	29	X		X	BECK		

BOTTLE/CTD DATA SET NUMBER: 71-0065D
YEAR:1971 VESSEL/AGENCY: E.P.ALBERNI,PBS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
ALBERNI INLET	2.5	49	12.9	124	49.3	71	06	09	12	11		X			CM		
ALBERNI INLET	8.	49	09.5	124	48.3	71	06	09	17	10		X			CM		
ALBERNI INLET	0.	49	14.3	124	49.2	71	06	09	21	10		X			CM		
ALBERNI INLET	1.					71	06	09	22	10		X			CM		
ALBERNI INLET	5.	49	11.7	124	49.1	71	06	10	03	10		X			CM		
ALBERNI INLET	20.	49	03.9	124	51.1	71	06	10	14	10		X			CM		
ALBERNI INLET	12.	49	08.3	124	48.2	71	06	10	16	10		X			CM		

BOTTLE/CTD DATA SET NUMBER: 71-0097
YEAR:1971 VESSEL/AGENCY: UTAH MINES

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
RUPERT INLET	A	50	35.0	127	28.9	*					100		X	X	BOTT	
HOLBERG INLET	B	50	34.4	127	34.5	*					160		X	X	BOTT	
HOLBERG INLET	C	50	35.5	127	41.4	*					100		X	X	BOTT	
QUATSINO SOUND	D	50	31.6	127	37.4	*					100		X	X	BOTT	
RUPERT INLET	E	50	33.9	127	32.4	*					140		X	X	BOTT	
RUPERT INLET	F	50	35.4	127	26.0	*					30		X	X	BOTT	
HOLBERG INLET	G	50	36.4	127	49.0	*					35		X	X	BOTT	

THESE 7 STATIONS ARE MONITORED EVERY 3 MONTHS. SEE APPENDIX 2 COMMENTS.

BOTTLE/CTD DATA SET NUMBER: 72-0050
YEAR:1972 VESSEL/AGENCY: OGON(USSR)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	1	48	35.00	125	27.00	72	07	15	21	70	75	X		X	BOTT	
B. C. OFFSHORE	2	48	21.00	126	9.00	72	07	17	00	334	820	X		X	BOTT	
B. C. OFFSHORE	3	48	5.00	126	47.00	72	07	17	15	215	2500	X		X	BOTT	
B. C. OFFSHORE	36	48	20.00	126	9.00	72	09	06	07	658	1000	X		X	BOTT	
B. C. OFFSHORE	37	48	5.00	126	44.00	72	09	06	12	996	2450	X		X	BOTT	
B. C. OFFSHORE	38	47	45.00	127	34.00	72	09	06	19	808	2500	X		X	BOTT	
B. C. OFFSHORE	39	47	24.00	128	26.00	72	09	07	01	993	2000	X		X	BOTT	
B. C. OFFSHORE	68	48	35.00	125	28.00	72	09	16	08	100	110	X		X	BOTT	
B. C. OFFSHORE	69	48	29.00	126	7.00	72	09	16	23	222	255	X		X	BOTT	
B. C. OFFSHORE	70	48	29.00	125	43.00	72	11	03	21	95	105	X		X	BOTT	
B. C. OFFSHORE	71	48	20.00	126	6.00	72	11	04	01	640	785	X		X	BOTT	
B. C. OFFSHORE	72	48	5.00	126	43.00	72	11	04	06	984	2500	X		X	BOTT	
B. C. OFFSHORE	73	47	45.00	127	34.00	72	11	04	13	988	2600	X		X	BOTT	
B. C. OFFSHORE	74	47	24.00	128	26.00	72	11	04	19	820	2750	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 72-0051
YEAR:1972 VESSEL/AGENCY: BARTLETT(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	2	49	14.90	128	39.60	72	08	02	16	2023	2375	X		X	CTD	
B. C. OFFSHORE	3	51	21.30	132	11.70	72	08	03	16	2683	2687	X		X	CTD	
B. C. OFFSHORE	4	52	4.50	137	7.80	72	08	04	18	3000	3567	X		X	CTD	

BOTTLE/CTD DATA SET NUMBER: 72-0052
YEAR:1972 VESSEL/AGENCY: LAYMORE,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
B. C. OFFSHORE	2	49	5.00	128	5.00	72	10	24	10	2297	2432	X		X	BOTT	
B. C. OFFSHORE	3	48	0.00	128	0.00	72	10	24	21	2293	2615	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 73-0050
YEAR:1973 VESSEL/AGENCY: PARIZEAU,UBC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	1	48 28.40	124 46.50	73 03 06 03	100		X		X	BOTT		
B. C. OFFSHORE	18	48 28.30	124 46.30	73 03 08 03	100		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 73-0052
YEAR:1973 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	5	49 16.40	124 48.20	73 09 13 12	150	419	X		X	BOTT		
ALBERNI INLET	6	49 16.40	124 48.20	73 09 13 13	390	419	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 73-0053
YEAR:1973 VESSEL/AGENCY: CALIGUS,PBS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	0	49 14.3	124 49.2	73 03 20 14	9	10	X		X	BECK		
ALBERNI INLET	1	49 13.9	124 49.4	73 03 20 15	15	18	X		X	BECK		
ALBERNI INLET	2.5	49 12.9	124 49.3	73 03 20 15	27	29	X		X	BECK		
ALBERNI INLET	2.5	49 12.9	124 49.3	73 03 21 00	30	34	X		X	BECK		
ALBERNI INLET	5	49 11.7	124 49.1	73 03 20 23	47	76	X		X	BECK		
ALBERNI INLET	8	49 09.5	124 48.3	73 03 20 23	47	133	X		X	BECK		
ALBERNI INLET	12	49 08.3	124 48.2	73 03 20 22	49	133	X		X	BECK		
ALBERNI INLET	20	49 03.9	124 51.1	73 03 20 21	50	183	X		X	BECK		
ALBERNI INLET	29	49 00.0	124 53.0	73 03 20 20	40	366	X		X	BECK		
ALBERNI INLET	37	48 58.6	124 59.1	73 03 20 18	45	183	X		X	BECK		

BOTTLE/CTD DATA SET NUMBER: 73-0054
YEAR:1973 VESSEL/AGENCY: CALIGUS,PBS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	0	49 14.3	124 49.2	73 04 17 14	9	10	X		X	BECK		
ALBERNI INLET	1	49 13.9	124 49.4	73 04 17 14	15	20	X		X	BECK		
ALBERNI INLET	2.5	49 12.9	124 49.3	73 04 17 22	20	30	X		X	BECK		
ALBERNI INLET	5	49 11.7	124 49.1	73 04 17 23	40	71	X		X	BECK		
ALBERNI INLET	8	49 09.5	124 48.3	73 04 17 21	37	113	X		X	BECK		
ALBERNI INLET	12	49 08.3	124 48.2	73 04 17 22	37	138	X		X	BECK		
ALBERNI INLET	20	49 03.9	124 51.1	73 04 17 18	35	276	X		X	BECK		
ALBERNI INLET	29	49 00.0	124 53.0	73 04 17 17	37	332	X		X	BECK		
ALBERNI INLET	40	48 57.25	125 00.8	73 04 17 16	36	192	X		X	BECK		

BOTTLE/CTD DATA SET NUMBER: 73-0056A
YEAR:1973 VESSEL/AGENCY: PAC.ENV.INST.

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
QUATSINO SOUND	Q1	50 24.5	128 00.7	73 05 04 02	150	182			X	BOTT		
QUATSINO SOUND	Q2	50 28.4	127 55.2	73 05 04 03	150	186			X	BOTT		
QUATSINO SOUND	Q3	50 28.7	127 47.3	73 05 04 04	150	150			X	BOTT		
QUATSINO SOUND	Q4	50 31.3	127 40.6	73 05 04 05	150	150			X	BOTT		
QUATSINO SOUND	Q5	50 31.5	127 37.5	73 05 04 18	70	110			X	BOTT		
NEROUTSOS IN.	Q15	50 29.8	127 34.6	73 05 04 18	70	165			X	BOTT		
NEROUTSOS IN.	Q16	50 27.8	127 32.2	73 05 04 19	150	183			X	BOTT		
NEROUTSOS IN.	Q17	50 26.0	127 30.8	73 05 04 20	150	190			X	BOTT		
NEROUTSOS IN.	Q18	50 24.3	127 29.3	73 05 04 21	70	135			X	BOTT		
NEROUTSOS IN.	Q19	50 23.0	127 27.35	73 05 04 22	30	48			X	BOTT		
NEROUTSOS IN.	Q20	50 22.1	127 26.5	73 05 04 23	30	55			X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 73-0056B
YEAR:1973 VESSEL/AGENCY: PAC.ENV.INST.

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
NEROUTSOS IN.	BR1	50 29.5	127 34.0	73 07 24 20	150	210		X	X	BOTT	2	10

BOTTLE/CTD DATA SET NUMBER: 73-0119
YEAR:1973 VESSEL/AGENCY: OCEANOGRAPHER,NOAA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	1	48 40.5	125 59.2	73 09 07 05	98	103	X		X	PLES		
OFF VAN. IS.	2	48 40.0	126 12.0	73 09 07 06	192	194	X		X	PLES		
OFF VAN. IS.	3	48 40.4	126 22.9	73 09 07 07	303	675	X		X	PLES		
OFF VAN. IS.	4	48 40.5	126 32.0	73 09 07 09	1011	1014	X		X	PLES		
OFF VAN. IS.	5	48 40.2	126 43.3	73 09 07 11	1380	1400	X		X	PLES		
OFF VAN. IS.	6	48 39.6	126 57.6	73 09 07 13	1478	2041	X		X	PLES		
OFF VAN. IS.	7	49 00.2	126 20.6	73 09 07 17	126	132	X		X	PLES		
OFF VAN. IS.	8	49 00.1	126 36.6	73 09 07 18	320	323	X		X	PLES		
OFF VAN. IS.	9	49 00.2	126 46.4	73 09 07 19	314	317	X		X	PLES		
OFF VAN. IS.	10	49 00.0	126 53.2	73 09 07 20	596	598	X		X	PLES		
OFF VAN. IS.	11	48 59.4	126 57.0	73 09 07 21	826	830	X		X	PLES		
OFF VAN. IS.	12	48 59.2	127 01.3	73 09 07 22	1205	1206	X		X	PLES		
OFF VAN. IS.	13	48 59.8	127 09.7	73 09 09 01	1500	1775	X		X	PLES		
OFF VAN. IS.	14	48 59.7	127 19.6	73 09 10 05	1483	2045	X		X	PLES		
OFF VAN. IS.	15	48 59.6	127 17.5	73 09 10 07	1490	1951	X		X	PLES		
OFF VAN. IS.	16	48 58.5	127 18.0	73 09 10 08	1482	1966	X		X	PLES		
OFF VAN. IS.	17	48 59.0	127 21.2	73 09 10 10	1508	2048	X		X	PLES		
OFF VAN. IS.	18	48 59.7	127 19.3	73 09 10 11	1510	2033	X		X	PLES		
OFF VAN. IS.	19	48 59.7	127 19.6	73 09 10 13	1505	2033	X		X	PLES		
OFF VAN. IS.	20	49 01.0	127 20.6	73 09 10 14	1490	2033	X		X	PLES		
OFF VAN. IS.	21	49 01.0	127 19.1	73 09 10 16	1488	2025	X		X	PLES		
OFF VAN. IS.	22	49 01.0	127 19.1	73 09 10 17	1488	2029	X		X	PLES		
OFF VAN. IS.	23	49 00.9	128 00.0	73 09 10 21	1514	2501	X		X	PLES		
OFF VAN. IS.	24	48 59.6	127 59.3	73 09 10 22	1500	2501	X		X	PLES		
OFF VAN. IS.	25	48 59.8	127 59.7	73 09 11 00	1512	2501	X		X	PLES		
OFF VAN. IS.	26	49 00.5	127 58.1	73 09 11 01	1488	2501	X		X	PLES		
OFF VAN. IS.	27	48 59.6	127 59.3	73 09 11 03	1513	2501	X		X	PLES		
OFF VAN. IS.	28	48 59.8	127 58.7	73 09 11 04	1515	2504	X		X	PLES		
OFF VAN. IS.	29	49 00.1	127 57.3	73 09 11 06	1513	2504	X		X	PLES		

OFF VAN. IS.	30	48 59.4	128 00.2	73 09 11 07	1516	2504	X	X	PLES
OFF VAN. IS.	31	49 00.4	127 58.8	73 09 11 09	1514	2504	X	X	PLES
OFF VAN. IS.	32	48 59.6	128 39.5	73 09 11 12	1514	2509	X	X	PLES
OFF VAN. IS.	33	48 59.8	129 20.8	73 09 11 16	1491	2388	X	X	PLES
OFF VAN. IS.	34	49 00.0	130 00.0	73 09 11 19	1518	2694	X	X	PLES
OFF VAN. IS.	35	48 38.3	129 56.8	73 09 11 22	1525	2809	X	X	PLES
OFF VAN. IS.	36	48 23.0	129 59.5	73 09 12 00	1520	1605	X	X	PLES
OFF VAN. IS.	37	48 19.8	129 23.5	73 09 12 03	1513	2497	X	X	PLES
OFF VAN. IS.	38	48 19.8	129 23.2	73 09 12 04	1515	2279	X	X	PLES
OFF VAN. IS.	39	48 19.8	129 22.1	73 09 12 06	1518	2246	X	X	PLES
OFF VAN. IS.	40	48 20.3	129 20.9	73 09 12 07	1520	2133	X	X	PLES
OFF VAN. IS.	41	48 19.8	129 19.6	73 09 12 09	1517	2180	X	X	PLES
OFF VAN. IS.	42	48 19.8	129 20.8	73 09 12 10	1505	2255	X	X	PLES
OFF VAN. IS.	43	48 19.6	129 22.4	73 09 12 12	1520	2467	X	X	PLES
OFF VAN. IS.	44	48 19.6	129 23.3	73 09 12 13	1518	2542	X	X	PLES
OFF VAN. IS.	45	48 19.7	129 22.3	73 09 12 15	1505	2337	X	X	PLES
OFF VAN. IS.	46	48 19.3	128 43.1	73 09 12 19	1514	2440	X	X	PLES
OFF VAN. IS.	47	48 21.1	128 00.0	73 09 12 22	1522	2570	X	X	PLES
OFF VAN. IS.	48	48 19.9	127 20.5	73 09 13 01	1514	2604	X	X	PLES
OFF VAN. IS.	49	48 19.4	126 48.1	73 09 13 04	1515	2537	X	X	PLES
OFF VAN. IS.	50	48 19.9	126 47.9	73 09 13 06	1516	2538	X	X	PLES
OFF VAN. IS.	51	48 19.9	126 46.7	73 09 13 08	1515	2528	X	X	PLES
OFF VAN. IS.	52	48 19.9	126 45.6	73 09 13 10	1518	2522	X	X	PLES
OFF VAN. IS.	53	48 20.2	126 47.1	73 09 13 12	1517	2531	X	X	PLES
OFF VAN. IS.	54	48 20.4	126 46.8	73 09 13 14	1517	2533	X	X	PLES
OFF VAN. IS.	55	48 19.6	126 47.9	73 09 13 16	1517	2536	X	X	PLES
OFF VAN. IS.	56	48 19.4	126 32.5	73 09 13 18	1521	1616	X	X	PLES
OFF VAN. IS.	57	48 19.7	126 21.0	73 09 13 20	1171	1179	X	X	PLES
OFF VAN. IS.	58	48 20.2	126 11.3	73 09 13 21	802	805	X	X	PLES
OFF VAN. IS.	59	48 19.7	126 00.4	73 09 13 22	873	876	X	X	PLES
OFF VAN. IS.	60	48 19.9	125 52.5	73 09 14 00	336	378	X	X	PLES
OFF VAN. IS.	61	48 19.3	125 37.0	73 09 14 01	132	214	X	X	PLES
OFF VAN. IS.	62	48 20.3	125 14.3	73 09 14 02	174	182	X	X	PLES
OFF VAN. IS.	63	48 20.1	125 01.0	73 09 14 03	211	219	X	X	PLES
OFF VAN. IS.	73	48 02.5	125 32.1	73 09 14 17	169	169	X	X	PLES
OFF VAN. IS.	74	48 12.6	125 26.4	73 09 14 19	119	124	X	X	PLES
OFF VAN. IS.	85	47 30.0	127 20.6	73 09 15 15	1516	2591	X	X	PLES
OFF VAN. IS.	86	47 29.8	127 20.8	73 09 15 17	1516	2591	X	X	PLES
OFF VAN. IS.	87	47 29.9	127 20.4	73 09 15 18	1514	2591	X	X	PLES
OFF VAN. IS.	88	47 30.2	127 20.2	73 09 15 19	1515	2591	X	X	PLES
OFF VAN. IS.	89	47 30.2	127 19.5	73 09 15 21	1515	2583	X	X	PLES
OFF VAN. IS.	90	47 29.5	127 19.2	73 09 15 23	1520	2595	X	X	PLES
OFF VAN. IS.	91	47 28.7	127 19.3	73 09 16 00	1526	2574	X	X	PLES
OFF VAN. IS.	92	47 29.5	127 20.0	73 09 16 02	1516	2586	X	X	PLES
OFF VAN. IS.	93	47 29.7	127 20.0	73 09 16 03	1515	2585	X	X	PLES
OFF VAN. IS.	94	47 29.9	128 00.2	73 09 16 06	1514	2667	X	X	PLES
OFF VAN. IS.	95	47 29.8	128 39.2	73 09 16 09	1513	2681	X	X	PLES
OFF VAN. IS.	96	47 30.3	129 21.3	73 09 16 13	1518	2535	X	X	PLES
OFF VAN. IS.	97	47 07.9	129 19.3	73 09 16 16	1515	2515	X	X	PLES
OFF VAN. IS.	98	46 45.2	129 20.7	73 09 16 18	1514	2346	X	X	PLES
OFF VAN. IS.	99	46 45.5	128 43.6	73 09 16 22	1513	2742	X	X	PLES
OFF VAN. IS.	100	46 45.4	128 40.0	73 09 16 23	1533	2741	X	X	PLES
OFF VAN. IS.	101	46 44.8	128 39.6	73 09 17 01	1514	2558	X	X	PLES
OFF VAN. IS.	102	46 45.0	128 40.0	73 09 17 02	1516	2740	X	X	PLES
OFF VAN. IS.	103	46 44.9	128 40.0	73 09 17 04	1514	2740	X	X	PLES
OFF VAN. IS.	104	46 44.3	128 41.8	73 09 17 05	1515	2741	X	X	PLES
OFF VAN. IS.	105	46 44.2	128 43.5	73 09 17 07	1532	2741	X	X	PLES
OFF VAN. IS.	106	46 44.2	128 43.6	73 09 17 08	1515	2742	X	X	PLES
OFF VAN. IS.	107	46 45.4	128 41.1	73 09 17 10	1511	2742	X	X	PLES

BOTTLE/CTD DATA SET NUMBER: 73-0124A
YEAR:1973 VESSEL/AGENCY: CALIGUS,PBS

AREA	STN	LAT DEG	 MIN	LON DEG	 MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
ALBERNI INLET	0	49	14.3	124	49.2	73	04	12	21	10		X		X	BECK		
ALBERNI INLET	1	49	13.9	124	44.9	73	04	12	19	20		X		X	BECK		
ALBERNI INLET	2.5	49	12.9	124	49.3	73	04	12	17	29		X		X	BECK		
ALBERNI INLET	5	49	11.7	124	49.1	73	04	11	20	50		X		X	BECK		
ALBERNI INLET	8	49	09.5	124	48.3	73	04	11	17	70		X		X	BECK		
ALBERNI INLET	12	49	08.3	124	48.2	73	04	06	20	50		X		X	BECK		
ALBERNI INLET	20	49	03.9	124	51.1	73	04	06	17	50		X		X	BECK		
ALBERNI INLET	29	49	00.0	124	53.0	73	04	04	21	30		X		X	BECK		
ALBERNI INLET	38	48	58.4	124	58.9	73	04	04	18	50		X		X	BECK		

BOTTLE/CTD DATA SET NUMBER: 73-0124B
YEAR:1973 VESSEL/AGENCY: CALIGUS,PBS

AREA	STN	LAT DEG	 MIN	LON DEG	 MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
ALBERNI INLET	0	49	14.3	124	49.2	73	05	04	21	12		X		X	BECK		
ALBERNI INLET	1	49	13.9	124	44.9	73	05	04	18	21		X		X	BECK		
ALBERNI INLET	2.5	49	12.9	124	49.3	73	05	04	16	28		X		X	BECK		
ALBERNI INLET	5	49	11.7	124	49.1	73	05	03	19	50		X		X	BECK		
ALBERNI INLET	8	49	09.5	124	48.3	73	05	03	17	50		X		X	BECK		
ALBERNI INLET	12	49	08.3	124	48.2	73	05	02	20	50		X		X	BECK		
ALBERNI INLET	20	49	03.9	124	51.1	73	05	02	18	50		X		X	BECK		
ALBERNI INLET	29	49	00.0	124	53.0	73	05	01	20	50		X		X	BECK		
ALBERNI INLET	40	48	57.25	125	00.8	73	05	01	17	50		X		X	BECK		

BOTTLE/CTD DATA SET NUMBER: 73-0124C
YEAR:1973 VESSEL/AGENCY: CALIGUS,PBS

AREA	STN	LAT DEG	 MIN	LON DEG	 MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
ALBERNI INLET	0	49	14.3	124	49.2	73	05	22	17	10		X		X	BECK		
ALBERNI INLET	1	49	13.9	124	44.9	73	05	22	19	19		X		X	BECK		
ALBERNI INLET	2.5	49	12.9	124	49.3	73	05	22	21	30		X		X	BECK		
ALBERNI INLET	5	49	11.7	124	49.1	73	05	25	19	50		X		X	BECK		
ALBERNI INLET	8	49	09.5	124	48.3	73	05	25	17	50		X		X	BECK		
ALBERNI INLET	12	49	08.3	124	48.2	73	05	24	20	50		X		X	BECK		
ALBERNI INLET	20	49	03.9	124	51.1	73	05	24	17	50		X		X	BECK		
ALBERNI INLET	30	48	59.2	124	53.9	73	05	23	21	50		X		X	BECK		
ALBERNI INLET	40	48	57.25	125	00.8	73	05	23	18	50		X		X	BECK		

BOTTLE/CTD DATA SET NUMBER: 73-0124D
YEAR:1973 VESSEL/AGENCY: CALIGUS,PBS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
ALBERNI INLET	0	49 14.3	124 49.2	73 07 13 15	5		X		X	BECK		
ALBERNI INLET	1	49 13.9	124 44.9	73 07 13 17	19		X		X	BECK		
ALBERNI INLET	2.5	49 12.9	124 49.3	73 07 13 19	34		X		X	BECK		
ALBERNI INLET	5	49 11.7	124 49.1	73 07 14 16	40		X		X	BECK		
ALBERNI INLET	8	49 09.5	124 48.3	73 07 14 17	40		X		X	BECK		
ALBERNI INLET	12	49 08.3	124 48.2	73 07 14 20	40		X		X	BECK		
ALBERNI INLET	20	49 03.9	124 51.1	73 07 15 15	40		X		X	BECK		
ALBERNI INLET	30	48 59.2	124 53.9	73 07 15 18	40		X		X	BECK		
ALBERNI INLET	40	48 57.25	125 00.8	73 07 15 20	40		X		X	BECK		

BOTTLE/CTD DATA SET NUMBER: 74-0055
YEAR:1974 VESSEL/AGENCY: PRIBOY(USSR)

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
B. C. OFFSHORE	44	51 59.00	136 22.00	74 02 09 03	552	3500	X		X	BOTT		
B. C. OFFSHORE	45	51 41.00	134 19.00	74 02 09 09	538	3200	X		X	BOTT		
B. C. OFFSHORE	46	51 20.00	132 49.00	74 02 09 15	462	2800	X		X	BOTT		
B. C. OFFSHORE	47	50 58.00	131 13.00	74 02 09 20	522	2700	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0056
YEAR:1974 VESSEL/AGENCY: MIDGETT(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B. C. OFFSHORE	23	47	22.00	129	28.00	74	08	29	07	766	2628	X		X	BOTT		
B. C. OFFSHORE	24	47	36.20	128	20.00	74	08	29	11	733	2606	X		X	BOTT		
B. C. OFFSHORE	25	47	50.00	127	23.40	74	08	29	15	1027	2560	X		X	BOTT		
B. C. OFFSHORE	26	48	9.00	126	16.00	74	08	29	20	805	1701	X		X	BOTT		
B. C. OFFSHORE	27	48	24.00	125	11.00	74	08	30	00	128	178	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0058
YEAR:1974 VESSEL/AGENCY: EPS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
HOLBERG INLET	1	50	35.7	127	40.9	74	05	30		20							
RUPERT INLET	2	50	34.7	127	31.6	74	05	30		20							
RUPERT INLET	3	50	35.2	127	29.0	74	05	30		20							
RUPERT INLET	4	50	35.4	127	26.5	74	05	30		20							
HOLBERG INLET	1	50	35.7	127	40.9	74	07	17		20							
RUPERT INLET	2	50	34.7	127	31.6	74	07	17		20							
RUPERT INLET	3	50	35.2	127	29.0	74	07	17		20							
RUPERT INLET	4	50	35.4	127	26.5	74	07	17		20							
HOLBERG INLET	1	50	35.7	127	40.9	74	09	24		20							
RUPERT INLET	2	50	34.7	127	31.6	74	09	24		20							
RUPERT INLET	3	50	35.2	127	29.0	74	09	24		20							
RUPERT INLET	4	50	35.4	127	26.5	74	09	24		20							

BOTTLE/CTD DATA SET NUMBER: 74-0059
YEAR:1974 VESSEL/AGENCY: MACMILLAN BLOEDEL

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	A	49	13.75	124	49.50	74	05	01	17	10		X		X	RS53		
ALBERNI INLET	B	49	12.95	124	48.92	74	05	01	17	25		X		X	RS53		
ALBERNI INLET	C	49	11.10	124	48.88	74	05	01	16	25		X		X	RS53		
ALBERNI INLET	D	49	09.40	124	48.45	74	05	01	15	25		X		X	RS53		
ALBERNI INLET	E	49	07.25	124	48.88	74	05	02	17	25		X		X	RS53		
ALBERNI INLET	F	49	03.50	124	50.40	74	05	02	16	25		X		X	RS53		
ALBERNI INLET	G	49	00.70	124	52.32	74	05	02	16	25		X		X	RS53		
ALBERNI INLET	A	49	13.75	124	49.50	74	06	14	12	15		X		X	RS53		
ALBERNI INLET	B	49	12.95	124	48.92	74	06	14	17	25		X		X	RS53		
ALBERNI INLET	C	49	11.10	124	48.88	74	06	13	18	25		X		X	RS53		
ALBERNI INLET	D	49	09.40	124	48.45	74	06	13	15	25		X		X	RS53		
ALBERNI INLET	E	49	07.25	124	48.88	74	06	13	17	25		X		X	RS53		
ALBERNI INLET	F	49	03.50	124	50.40	74	06	12	18	25		X		X	RS53		
ALBERNI INLET	G	49	00.70	124	52.32	74	06	12	16	25		X		X	RS53		
ALBERNI INLET	A	49	13.75	124	49.50	74	08	14	15	14		X		X	RS53		
ALBERNI INLET	B	49	12.95	124	48.92	74	08	14	18	25		X		X	RS53		
ALBERNI INLET	C	49	11.10	124	48.88	74	08	14	17	25		X		X	RS53		
ALBERNI INLET	D	49	09.40	124	48.45	74	08	16	17	25		X		X	RS53		
ALBERNI INLET	E	49	07.25	124	48.88	74	08	16	16	25		X		X	RS53		
ALBERNI INLET	F	49	03.50	124	50.40	74	08	15	17	25		X		X	RS53		
ALBERNI INLET	G	49	00.70	124	52.32	74	08	15	15	25		X		X	RS53		
ALBERNI INLET	A	49	13.75	124	49.50	74	10	22	16	13		X		X	RS53		
ALBERNI INLET	B	49	12.95	124	48.92	74	10	22	18	25		X		X	RS53		
ALBERNI INLET	C	49	11.10	124	48.88	74	10	25	21	25		X		X	RS53		

ALBERNI INLET	D	49	09.40	124	48.45	74	10	28	16	25		X		X	RS53		
ALBERNI INLET	E	49	07.25	124	48.88	74	10	24	20	25		X		X	RS53		
ALBERNI INLET	F	49	03.50	124	50.40	74	10	29	19	25		X		X	RS53		
ALBERNI INLET	G	49	00.70	124	52.32	74	10	29	17	25		X		X	RS53		

BOTTLE/CTD DATA SET NUMBER: 75-0079
YEAR:1975 VESSEL/AGENCY: BOUTWELL(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	48	24.00	125	11.00	75	03	29	10	139	165	X		X	CTD		
B. C. OFFSHORE	2	48	9.00	126	16.00	75	03	29	14	750	1737	X		X	CTD		
B. C. OFFSHORE	3	47	52.00	127	23.00	75	03	29	18	750	2560	X		X	CTD		
B. C. OFFSHORE	4	47	37.00	128	24.00	75	03	29	23	750	2560	X		X	CTD		
B. C. OFFSHORE	5	47	23.00	129	29.00	75	03	30	04	750	2560	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 75-0080
YEAR:1975 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	49	2.00	130	40.00	75	08	20	22	1432	4000	X		X	BOTT		
B. C. OFFSHORE	3	52	14.00	133	40.00	75	09	07	18	1439	4200	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0081
YEAR:1975 VESSEL/AGENCY: EPS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
HOLBERG INLET	1	50	35.7	127	40.9	75	05	06		20							
RUPERT INLET	2	50	34.7	127	31.6	75	05	06		20							
RUPERT INLET	3	50	35.2	127	29.0	75	05	06		20							
RUPERT INLET	4	50	35.4	127	26.5	75	05	06		20							
HOLBERG INLET	1	50	35.7	127	40.9	75	06	11		20							
RUPERT INLET	2	50	34.7	127	31.6	75	06	11		20							
RUPERT INLET	3	50	35.2	127	29.0	75	06	11		20							
RUPERT INLET	4	50	35.4	127	26.5	75	06	11		20							
HOLBERG INLET	1	50	35.7	127	40.9	75	07	13		20							
RUPERT INLET	2	50	34.7	127	31.6	75	07	13		20							
RUPERT INLET	3	50	35.2	127	29.0	75	07	13		20							
RUPERT INLET	4	50	35.4	127	26.5	75	07	13		20							
HOLBERG INLET	1	50	35.7	127	40.9	75	08	13		20							
RUPERT INLET	2	50	34.7	127	31.6	75	08	13		20							
RUPERT INLET	3	50	35.2	127	29.0	75	08	13		20							
RUPERT INLET	4	50	35.4	127	26.5	75	08	13		20							
HOLBERG INLET	1	50	35.7	127	40.9	75	09	24		20							
RUPERT INLET	2	50	34.7	127	31.6	75	09	24		20							
RUPERT INLET	3	50	35.2	127	29.0	75	09	24		20							
RUPERT INLET	4	50	35.4	127	26.5	75	09	24		20							
HOLBERG INLET	1	50	35.7	127	40.9	75	11	28		20							
RUPERT INLET	2	50	34.7	127	31.6	75	11	28		20							
RUPERT INLET	3	50	35.2	127	29.0	75	11	28		20							
RUPERT INLET	4	50	35.4	127	26.5	75	11	28		20							

BOTTLE/CTD DATA SET NUMBER: 75-0084A
YEAR:1975 VESSEL/AGENCY: PAC.ENV.INST.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
NEROUTSOS IN.	Q18A	50	23.8	127	29.52	75	07	30	03	50	62	X		X	BOTT		
NEROUTSOS IN.	Q18B	50	23.9	127	29.3	75	07	30	03	100	112	X		X	BOTT		
NEROUTSOS IN.	Q18C	50	24.0	127	28.8	75	07	30	04	80	95	X		X	BOTT		
NEROUTSOS IN.	Q19	50	23.0	127	27.4	75	07	30	05	30	57	X		X	BOTT		
NEROUTSOS IN.	Q20	50	22.0	127	26.5	75	07	30	05	40	53	X		X	BOTT		
NEROUTSOS IN.	Q17A	50	25.93	127	31.0	75	07	30	13	120	120	X		X	BOTT		
NEROUTSOS IN.	Q17C	50	26.35	127	30.12	75	07	30	14	80	88	X		X	BOTT		
NEROUTSOS IN.	Q17B	50	26.13	127	30.55	75	07	30	13	150	183	X		X	BOTT		
NEROUTSOS IN.	Q16A	50	27.53	127	32.55	75	07	30	15	80	146	X		X	BOTT		
NEROUTSOS IN.	Q16B	50	27.7	127	32.2	75	07	30	15	150	192	X		X	BOTT		
NEROUTSOS IN.	Q16C	50	27.83	127	31.73	75	07	30	15	50	97	X		X	BOTT		
NEROUTSOS IN.	Q15A	50	29.6	127	34.85	75	07	30	17	80	91	X		X	BOTT		
NEROUTSOS IN.	Q15C	50	29.9	127	34.22	75	07	30	18	150	92	X		X	BOTT		
NEROUTSOS IN.	Q15B	50	29.8	127	34.5	75	07	30	17	150	113	X		X	BOTT		
QUATSINO SOUND	Q6	50	30.0	127	37.3	75	07	31	01	100	143	X		X	BOTT		
QUATSINO SOUND	Q5	50	31.5	127	37.3	75	07	31	02	50	121	X		X	BOTT		
QUATSINO SOUND	Q4	50	31.2	127	40.7	75	07	31	03	100	119	X		X	BOTT		
QUATSINO SOUND	Q3	50	28.8	127	47.4	75	07	31	04	120	146	X		X	BOTT		
QUATSINO SOUND	Q2A	50	28.1	127	55.28	75	07	31	14	80	91	X		X	BOTT		
QUATSINO SOUND	Q2B	50	28.45	127	55.28	75	07	31	15	150	192	X		X	BOTT		
QUATSINO SOUND	Q2C	50	28.9	127	55.28	75	07	31	16	80	91	X		X	BOTT		
QUATSINO SOUND	Q1	50	25.3	127	59.5	75	07	31	17	120	146	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0084B
YEAR:1975 VESSEL/AGENCY: PAC.ENV.INST.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
QUATSINO SOUND	Q3	50	28.8	127	47.4	75	11	26	02	120	139	X		X	BOTT		
QUATSINO SOUND	Q4	50	31.2	127	40.7	75	11	26	03	100	121	X		X	BOTT		
QUATSINO SOUND	Q5	50	31.5	127	37.35	75	11	25	04	80	115	X		X	BOTT		
QUATSINO SOUND	Q6	50	30.	127	37.	75	11	26	05	100	106	X		X	BOTT		
NEROUTSOS IN.	Q15B	50	29.8	127	34.5	75	11	26	05	120	183	X		X	BOTT		
NEROUTSOS IN.	Q16B	50	27.7	127	32.1	75	11	26	06	150	186	X		X	BOTT		
NEROUTSOS IN.	Q17B	50	26.1	127	30.6	75	11	26	07	150	186	X		X	BOTT		
NEROUTSOS IN.	Q20	50	22.	127	26.5	75	11	26	14	45	51	X		X	BOTT		
NEROUTSOS IN.	Q19	50	23.	127	27.4	75	11	26	14	30	36	X		X	BOTT		
NEROUTSOS IN.	Q18A	50	23.8	127	29.5	75	11	26	17	80	82	X		X	BOTT		
NEROUTSOS IN.	Q18C	50	24.1	127	28.8	75	11	26	18	80	95	X		X	BOTT		
NEROUTSOS IN.	Q18B	50	23.9	127	29.2	75	11	26	18	120	128	X		X	BOTT		
NEROUTSOS IN.	Q17C	50	26.3	127	29.2	75	11	26	19	80	88	X		X	BOTT		
NEROUTSOS IN.	Q17A	50	25.9	127	31.	75	11	26	20	100	128	X		X	BOTT		
NEROUTSOS IN.	Q16A	50	27.5	127	32.5	75	11	27	02	100	146	X		X	BOTT		
NEROUTSOS IN.	Q16C	50	27.9	127	31.76	75	11	27	03	100	128	X		X	BOTT		
NEROUTSOS IN.	Q15C	50	29.5	127	34.36	75	11	27	04	100	117	X		X	BOTT		
QUATSINO SOUND	Q2B	50	28.5	127	55.36	75	11	27	04	150	197	X		X	BOTT		
NEROUTSOS IN.	Q15A	50	29.6	127	34.8	75	11	27	04	100	111	X		X	BOTT		
QUATSINO SOUND	Q2A	50	28.1	127	55.3	75	11	27	07	80	179	X		X	BOTT		
QUATSINO SOUND	Q2-C	50	28.9	127	55.3	75	11	27	07	80	113	X		X	BOTT		
QUATSINO SOUND	Q1	50	25.3	127	59.5	75	11	27	08	100	146	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 75-0122
YEAR:1975 VESSEL/AGENCY: PENNY SUE,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
RUPERT-HOLBERG	QN-1	50	32.08	127	35.58	75	08	07	00		50	X		X	GLDL		
RUPERT-HOLBERG	QN-1	50	32.08	127	35.58	75	08	08	00		50	X		X	GLDL		
RUPERT-HOLBERG	QN-1	50	32.08	127	35.58	75	08	12	00		50	X		X	GLDL		
RUPERT-HOLBERG	QN-1	50	32.08	127	35.58	75	09	07	00		50	X		X	GLDL		
RUPERT-HOLBERG	QN-2	50	32.00	127	34.00	75	08	12	00		35	X		X	GLDL		
RUPERT-HOLBERG	QN-3	50	32.50	127	33.75	75	09	12	00		25	X		X	GLDL		
RUPERT-HOLBERG	QN-4	50	33.07	127	33.40	75	08	12	00		30	X		X	GLDL		
RUPERT-HOLBERG	QN-4	50	33.07	127	33.40	75	09	07	00		30	X		X	GLDL		
RUPERT-HOLBERG	QN-4	50	33.07	127	33.40	75	09	08	00		30	X		X	GLDL		
RUPERT-HOLBERG	QN-5	50	33.93	127	33.17	75	08	12	00		150	X		X	GLDL		
RUPERT-HOLBERG	R	50	33.93	127	32.54	75	08	27	00		140	X		X	GLDL		
RUPERT-HOLBERG	R	50	33.93	127	32.54	75	09	02	00		140	X		X	GLDL		
RUPERT-HOLBERG	QN-5	50	33.93	127	33.17	75	08	27	00		150	X		X	GLDL		
RUPERT-HOLBERG	QN-5	50	33.93	127	33.17	75	09	02	00		150	X		X	GLDL		
RUPERT-HOLBERG	H	50	33.93	127	33.86	75	08	27	00		160	X		X	GLDL		
RUPERT-HOLBERG	H	50	33.93	127	33.86	75	09	02	00		160	X		X	GLDL		
RUPERT-HOLBERG	RH-1	50	33.55	127	33.25	75	08	28	00		60	X		X	GLDL		
RUPERT-HOLBERG	RH-1	50	33.55	127	33.25	75	09	03	00		60	X		X	GLDL		
RUPERT-HOLBERG	RH-2	50	33.93	127	33.17	75	08	28	00		160	X		X	GLDL		
RUPERT-HOLBERG	RH-2	50	33.93	127	33.17	75	09	03	00		160	X		X	GLDL		
RUPERT-HOLBERG	RH-3	50	34.00	127	33.20	75	08	28	00		175	X		X	GLDL		
RUPERT-HOLBERG	RH-3	50	34.00	127	33.20	75	09	03	00		175	X		X	GLDL		
RUPERT-HOLBERG	R-2	50	35.11	127	28.75	75	08	08	00		95	X		X	GLDL		
RUPERT-HOLBERG	R-2	50	35.11	127	28.75	75	09	07	00		95	X		X	GLDL		
RUPERT-HOLBERG	R-3	50	34.82	127	30.96	75	08	08	00		125	X		X	GLDL		
RUPERT-HOLBERG	R-3	50	34.82	127	30.96	75	09	07	00		125	X		X	GLDL		
RUPERT-HOLBERG	H1	50	38.42	127	58.18	75	08	08	00		55	X		X	GLDL		
RUPERT-HOLBERG	H2	50	37.09	127	51.74	75	08	08	00		55	X		X	GLDL		
RUPERT-HOLBERG	H3	50	35.87	127	45.83	75	08	08	00		63	X		X	GLDL		
RUPERT-HOLBERG	H4	50	35.45	127	39.24	75	08	08	00		110	X		X	GLDL		
RUPERT-HOLBERG	H4	50	35.45	127	39.24	75	09	07	00		110	X		X	GLDL		
RUPERT-HOLBERG	H5	50	34.55	127	34.75	75	08	07	00		170	X		X	GLDL		
RUPERT-HOLBERG	H5	50	34.55	127	34.75	75	08	08	00		170	X		X	GLDL		
RUPERT-HOLBERG	H6	50	33.93	127	33.00	75	08	08	00		155	X		X	GLDL		
RUPERT-HOLBERG	Q1	50	25.00	128	00.00	75	08	09	00		130	X		X	GLDL		
RUPERT-HOLBERG	Q2	50	28.18	127	53.71	75	08	09	00		160	X		X	GLDL		
RUPERT-HOLBERG	Q3	50	29.74	127	46.25	75	08	09	00		189	X		X	GLDL		
RUPERT-HOLBERG	Q4	50	30.37	127	40.92	75	08	07	00		95	X		X	GLDL		
RUPERT-HOLBERG	Q4	50	30.37	127	40.92	75	08	08	00		95	X		X	GLDL		
RUPERT-HOLBERG	Q4	50	30.37	127	40.92	75	08	09	00		95	X		X	GLDL		
RUPERT-HOLBERG	Q4	50	30.37	127	40.92	75	09	07	00		95	X		X	GLDL		
RUPERT-HOLBERG	Q5	50	31.68	127	38.42	75	08	08	00		120	X		X	GLDL		
RUPERT-HOLBERG	Q5	50	31.68	127	38.42	75	08	09	00		120	X		X	GLDL		
RUPERT-HOLBERG	Q5	50	31.68	127	38.42	75	09	07	00		120	X		X	GLDL		
RUPERT-HOLBERG	Q-15B	50	29.79	127	34.58	75	08	07	00		150	X		X	GLDL		
RUPERT-HOLBERG	Q-15B	50	29.79	127	34.58	75	08	09	00		150	X		X	GLDL		
RUPERT-HOLBERG	Q-16B	50	27.67	127	32.19	75	08	09	00			X		X	GLDL		
RUPERT-HOLBERG	Q-17B	50	26.11	127	30.58	75	08	09	00		180	X		X	GLDL		
RUPERT-HOLBERG	Q-18B	50	23.92	127	29.21	75	08	09	00		115	X		X	GLDL		
RUPERT-HOLBERG	RH3	50	34.00	127	33.20	75	08	11	00		150	X		X	GLDL		
RUPERT-HOLBERG	IL-IS	50	31.05	127	40.90	75	09	01	00		135	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 76-0067
YEAR:1976 VESSEL/AGENCY: CAMPBELL(US)

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B. C. OFFSHORE	1	53	43.80	133	20.50	76	09	01	15	806	848	X		X	CTD		
B. C. OFFSHORE	2	53	41.20	133	38.50	76	09	01	18	1519	2151	X		X	CTD		
B. C. OFFSHORE	3	53	37.00	133	53.00	76	09	01	21	1506	2743	X		X	CTD		
B. C. OFFSHORE	4	53	32.50	134	4.50	76	09	02	03	1996	2820	X		X	CTD		
B. C. OFFSHORE	5	53	29.20	134	20.50	76	09	02	07	1508	2822	X		X	CTD		

B. C. OFFSHORE	6	53	23.60	134	35.00	76	09	02	09	1514	2722	X		X	CTD	
B. C. OFFSHORE	7	53	19.50	134	51.00	76	09	02	13	1541	2743	X		X	CTD	
B. C. OFFSHORE	8	53	14.20	135	6.00	76	09	02	15	1495	2823	X		X	CTD	
B. C. OFFSHORE	9	53	11.00	135	20.00	76	09	02	18	1505	1659	X		X	CTD	
B. C. OFFSHORE	10	53	8.00	135	39.00	76	09	02	21	1269	3177	X		X	CTD	
B. C. OFFSHORE	11	53	38.00	135	58.30	76	09	03	01	1469	2734	X		X	CTD	
B. C. OFFSHORE	12	53	45.00	135	41.00	76	09	03	03	1501	2901	X		X	CTD	
B. C. OFFSHORE	13	53	48.00	135	22.00	76	09	03	05	1504	2672	X		X	CTD	
B. C. OFFSHORE	14	53	54.00	135	6.00	76	09	03	08	1519	2595	X		X	CTD	
B. C. OFFSHORE	15	53	58.00	134	45.30	76	09	03	10	1522	2705	X		X	CTD	
B. C. OFFSHORE	16	54	3.00	134	39.00	76	09	03	12	1531	2705	X		X	CTD	
B. C. OFFSHORE	17	54	3.50	134	30.00	76	09	03	14	1357	2729	X		X	CTD	
B. C. OFFSHORE	18	54	13.00	134	18.00	76	09	03	17	1495	2619	X		X	CTD	
B. C. OFFSHORE	19	54	14.40	134	1.00	76	09	03	19	994	1057	X		X	CTD	
B. C. OFFSHORE	20	54	16.20	133	44.20	76	09	03	21	187	234	X		X	CTD	
B. C. OFFSHORE	21	54	26.00	133	22.00	76	09	03	23	174	223	X		X	CTD	
B. C. OFFSHORE	22	54	25.20	133	15.00	76	09	04	00	325	362	X		X	CTD	

BOTTLE/CTD DATA SET NUMBER: 76-0068
YEAR:1976 VESSEL/AGENCY: EPS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
HOLBERG INLET	1A	50	35.1	127	36.0	76	05	30		20						
RUPERT INLET	2A	50	34.05	127	32.55	76	05	30		20						
RUPERT INLET	3	50	35.2	127	29.0	76	05	30		20						
HOLBERG INLET	1A	50	35.1	127	36.0	76	07	18		20						
RUPERT INLET	2A	50	34.05	127	32.55	76	07	18		20						
RUPERT INLET	3	50	35.2	127	29.0	76	07	18		20						
HOLBERG INLET	1A	50	35.1	127	36.0	76	10	03		20						
RUPERT INLET	2A	50	34.05	127	32.55	76	10	03		20						
RUPERT INLET	3	50	35.2	127	29.0	76	10	03		20						

BOTTLE/CTD DATA SET NUMBER: 76-0069A
YEAR:1976 VESSEL/AGENCY: PAC.ENV.INST.

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
QUATSINO SOUND	Q1	50	25.5	127	59.7	76	01	13	17	150	146	X		X	BOTT	
QUATSINO SOUND	Q2-A	50	28.1	127	55.3	76	01	13	18	80	110	X		X	BOTT	
QUATSINO SOUND	Q2-B	50	28.35	127	56.8	76	01	13	20	150	186	X		X	BOTT	
QUATSINO SOUND	Q3	50	28.4	127	48.05	76	01	13	22	120	148	X		X	BOTT	
QUATSINO SOUND	Q4	50	31.3	127	41.3	76	01	13	23	120	135	X		X	BOTT	
QUATSINO SOUND	Q5	50	31.4	127	37.4	76	01	14	07	80	55	X		X	BOTT	
NEROUTSOS IN.	Q15-A	50	29.85	127	35.1	76	01	14	08	80	110	X		X	BOTT	
NEROUTSOS IN.	Q15-B	50	29.9	127	34.95	76	01	14	09	120	168	X		X	BOTT	
NEROUTSOS IN.	Q15-C	50	29.95		.	76	01	14	10	80	128	X		X	BOTT	
NEROUTSOS IN.	Q16-A	50	27.6	127	32.6	76	01	14	11	80	124	X		X	BOTT	
NEROUTSOS IN.	Q16-B	50	27.85	127	32.3	76	01	14	12	120	110	X		X	BOTT	
NEROUTSOS IN.	Q16-C	50	28.1	127	32.	76	01	14	18	50		X		X	BOTT	
NEROUTSOS IN.	Q17-A	50	26.1	127	31.1	76	01	14	18	100	124	X		X	BOTT	
NEROUTSOS IN.	Q17-B	50	26.3	127	30.9	76	01	14	20	150	179	X		X	BOTT	
NEROUTSOS IN.	Q17-C	50	26.55	127	30.3	76	01	14	21	50	84	X		X	BOTT	
NEROUTSOS IN.	Q18-A	50	23.9	127	29.4	76	01	14	22	30	66	X		X	BOTT	
NEROUTSOS IN.	Q18-B	50	24.0	127	29.3	76	01	14	22	100	113	X		X	BOTT	
NEROUTSOS IN.	Q18-C	50	24.25	127	29.4	76	01	14	23	80	110	X		X	BOTT	
NEROUTSOS IN.	Q20	50	22.	127	26.5	76	01	15	00	40	47	X		X	BOTT	
NEROUTSOS IN.	Q19	50	23.	127	27.4	76	01	15	00	30	37	X		X	BOTT	
QUATSINO SOUND	Q6	50	30.	127	37.3	76	01	15	02	120	146	X		X	BOTT	
QUATSINO SOUND	Q2-C	50	28.9	127	55.3	76	01	15	04	50	117	X		X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 76-0069B
YEAR:1976 VESSEL/AGENCY: PAC.ENV.INST.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
QUATSINO SOUND	Q1	50	25.3	127	59.5	76	06	08	19	120	146	X		X	BOTT		
QUATSINO SOUND	Q2A	50	28.1	127	55.28	76	06	08	20	80	154	X		X	BOTT		
QUATSINO SOUND	Q2B	50	28.45	127	55.28	76	06	08	21	150	192	X		X	BOTT		
QUATSINO SOUND	Q2C	50	28.9	127	55.28	76	06	08	22	50	77	X		X	BOTT		
NEROUTSOS IN.	Q15-A	50	29.6	127	34.85	76	06	09	04	50	110	X		X	BOTT		
NEROUTSOS IN.	Q15-B	50	29.77	127	34.54	76	06	09	06	150	183	X		X	BOTT		
NEROUTSOS IN.	Q15-C	50	29.94	127	34.28	76	06	09	20	50	82	X		X	BOTT		
NEROUTSOS IN.	Q16-A	50	27.53	127	32.55	76	06	09	09	50	117	X		X	BOTT		
NEROUTSOS IN.	Q16-B	50	27.7	127	32.15	76	06	09	08	150	183	X		X	BOTT		
NEROUTSOS IN.	Q16-C	50	27.85	127	31.73	76	06	09	09	30	80	X		X	BOTT		
NEROUTSOS IN.	Q17-A	50	25.93	127	31.0	76	06	09	10	100	172	X		X	BOTT		
NEROUTSOS IN.	Q17-B	50	26.13	127	30.55	76	06	09	11	150	183	X		X	BOTT		
NEROUTSOS IN.	Q17-C	50	26.35	127	30.12	76	06	09	12	30	84	X		X	BOTT		
NEROUTSOS IN.	Q20	50	22.	127	26.5	76	06	09	19	30	55	X		X	BOTT		
NEROUTSOS IN.	Q19	50	23.	127	27.4	76	06	09	19	30	40	X		X	BOTT		
NEROUTSOS IN.	Q18A	50	23.8	127	29.52	76	06	09	21	20	58	X		X	BOTT		
NEROUTSOS IN.	Q18-B	50	23.9	127	29.2	76	06	09	20	100	121	X		X	BOTT		
NEROUTSOS IN.	Q18-C	50	24.08	127	28.83	76	06	09	22	50	91	X		X	BOTT		
QUATSINO SOUND	Q-6	50	30.	127	37.3	76	06	09	22	100	132	X		X	BOTT		
QUATSINO SOUND	Q-5	50	31.5	127	37.3	76	06	10	00	50	106	X		X	BOTT		
QUATSINO SOUND	Q-4	50	31.2	127	40.7	76	06	09	18	100	135	X		X	BOTT		
QUATSINO SOUND	Q-3	50	28.8	127	47.4	76	06	09	19	100	154	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0071A
YEAR:1976 VESSEL/AGENCY: EPS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MUCHALAT INLET	M1	49	38.5	126	05.3	76	11	16	22	30		X		X	BOTT		
MUCHALAT INLET	M2	49	40.0	126	06.5	76	11	16	21	30		X		X	BOTT		
MUCHALAT INLET	M3	49	40.1	126	08.0	76	11	16	21	30		X		X	BOTT		
MUCHALAT INLET	M4	49	40.2	126	08.8	76	11	16	20	30		X		X	BOTT		
MUCHALAT INLET	M5	49	40.2	126	09.9	76	11	16	20	30		X		X	BOTT		
MUCHALAT INLET	M6	49	40.0	126	11.5	76	11	16	19	30		X		X	BOTT		
MUCHALAT INLET	M7	49	39.9	126	13.0	76	11	16	19	30		X		X	BOTT		
MUCHALAT INLET	M8	49	39.0	126	15.9	76	11	16	18	30		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0071B
YEAR:1976 VESSEL/AGENCY: EPS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MUCHALAT INLET	M1	49	38.5	126	05.3	77	03	13	02	50		X		X	BOTT		
MUCHALAT INLET	M2	49	40.0	126	06.5	77	03	13	03	180	180	X		X	BOTT		
MUCHALAT INLET	M3	49	40.1	126	08.0	77	03	13	03	50		X		X	BOTT		
MUCHALAT INLET	M4	49	40.2	126	08.8	77	03	13	04	350	350	X		X	BOTT		
MUCHALAT INLET	M5	49	40.2	126	09.9	77	03	13	05	350	350	X		X	BOTT		
MUCHALAT INLET	M6	49	40.0	126	11.5	77	03	13	05	50		X		X	BOTT		
MUCHALAT INLET	M7	49	39.9	126	13.0	77	03	13	06	50		X		X	BOTT		
MUCHALAT INLET	M8	49	39.0	126	15.9	77	03	13	00	300	300	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0071C
YEAR:1976 VESSEL/AGENCY: EPS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MUCHALAT INLET	M1	49 38.5	126 05.3	77 05 26 22	50		X		X	BOTT		
MUCHALAT INLET	M2	49 40.0	126 06.5	77 05 26 22	265		X		X	BOTT		
MUCHALAT INLET	M3	49 40.1	126 08.0	77 05 26 22	50		X		X	BOTT		
MUCHALAT INLET	M4	49 40.2	126 08.8	77 05 26 21	50		X		X	BOTT		
MUCHALAT INLET	M5	49 40.2	126 09.9	77 05 26 20	50		X		X	BOTT		
MUCHALAT INLET	M6	49 40.0	126 11.5	77 05 26 20	50		X		X	BOTT		
MUCHALAT INLET	M7	49 39.9	126 13.0	77 05 26 19	50		X		X	BOTT		
MUCHALAT INLET	M8	49 39.0	126 15.9	77 05 26 19	280		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0071D
YEAR:1976 VESSEL/AGENCY: EPS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MUCHALAT INLET	M1	49 38.5	126 05.3	77 08 17 15	150		X		X	BOTT		
MUCHALAT INLET	M2	49 40.0	126 06.5	77 08 17 16	300		X		X	BOTT		
MUCHALAT INLET	M3	49 40.1	126 08.0	77 08 17 17	330		X		X	BOTT		
MUCHALAT INLET	M4	49 40.2	126 08.8	77 08 17 18	348		X		X	BOTT		
MUCHALAT INLET	M5	49 40.2	126 09.9	77 08 17 18	360		X		X	BOTT		
MUCHALAT INLET	M6	49 40.0	126 11.5	77 08 17 20	340		X		X	BOTT		
MUCHALAT INLET	M7	49 39.9	126 13.0	77 08 17 20	360		X		X	BOTT		
MUCHALAT INLET	M8	49 39.0	126 15.9	77 08 17 21	320		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0071E
YEAR:1976 VESSEL/AGENCY: EPS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MUCHALAT INLET	M1	49 38.5	126 05.3	77 09 28 23	152		X		X	BOTT		
MUCHALAT INLET	M2	49 40.0	126 06.5	77 09 28 22	280		X		X	BOTT		
MUCHALAT INLET	M3	49 40.1	126 08.0	77 09 28 22	50		X		X	BOTT		
MUCHALAT INLET	M4	49 40.2	126 08.8	77 09 28 21	50		X		X	BOTT		
MUCHALAT INLET	M5	49 40.2	126 09.9	77 09 28 21	50		X		X	BOTT		
MUCHALAT INLET	M6	49 40.0	126 11.5	77 09 28 20	270		X		X	BOTT		
MUCHALAT INLET	M7	49 39.9	126 13.0	77 09 28 19	50		X		X	BOTT		
MUCHALAT INLET	M8	49 39.0	126 15.9	77 09 28 19	50		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0072
YEAR:1976 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
RUPERT INLET	NER5	50 32.0	127 35.8	76 08 25 20	40	51	X		X	BOTT		
RUPERT INLET	RUP2	50 35.3	127 29.5	76 08 26 15	75	85	X		X	BOTT		

RUPERT INLET	RUP24	50 34.8	127 30.0	76 08 25 17	100	119	X		X	BOTT		
RUPERT INLET	RUP4	50 33.8	127 33.2	76 08 25 15	125	155	X		X	BOTT		
RUPERT INLET	RUP4	50 33.8	127 33.2	76 08 25 22	140	148	X		X	BOTT		
RUPERT INLET	HOL5	50 35.1	127 36.0	76 08 25 13	100	128	X		X	BOTT		
RUPERT INLET	HOL5	50 35.1	127 36.1	76 08 26 02	100	128	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0073
YEAR:1976 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
RUPERT INLET	RUP	50 35.3	127 29.4	76 11 23 22	75	82	X		X	BOTT		
RUPERT INLET	RUP	50 35.3	127 29.4	76 11 24 05	75	77	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0074
YEAR:1976 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	ALB1	49 13.0	124 49.3	76 07 15 12	20	29	X		X	BOTT		
ALBERNI INLET	ALB2	49 10.5	124 49.1	76 07 15 12	90	119	X		X	BOTT		
ALBERNI INLET	ALB3	49 07.6	124 48.5	76 07 15 13	120	134	X		X	BOTT		
ALBERNI INLET	ALB4	49 03.0	124 51.0	76 07 15 14	250	293	X		X	BOTT		
ALBERNI INLET	ALB5	48 58.8	124 54.9	76 07 15 15	200	251	X		X	BOTT		
ALBERNI INLET	ALB6	48 57.0	125 01.4	76 07 15 16	200	247	X		X	BOTT		
ALBERNI INLET	ALB7	48 52.5	125 06.8	76 07 15 17	125	141	X		X	BOTT		
ALBERNI INLET	ALB8	48 55.5	125 09.0	76 07 15 19	75	95	X		X	BOTT		
ALBERNI INLET	ALB9	48 51.7	125 15.0	76 07 15 20	75	93	X		X	BOTT		
TOFINO INLET	TOF1	49 12.0	125 38.7	76 07 14 12	100	110	X		X	BOTT		
TOFINO INLET	TOF2	49 09.8	125 40.5	76 07 14 13	65	75	X		X	BOTT		
TOFINO INLET	TOF3	49 07.3	125 43.9	76 07 14 13	50	60	X		X	BOTT		
TOFINO INLET	TOF4	49 10.0	125 46.8	76 07 14 14	40	51	X		X	BOTT		
TOFINO INLET	TOF5	49 14.3	125 45.4	76 07 14 15	125	139	X		X	BOTT		
BEDWELL SOUND	BED1	49 21.3	125 47.0	76 07 14 18	50	75	X		X	BOTT		
BEDWELL SOUND	BED2	49 18.3	125 48.4	76 07 14 17	50	60	X		X	BOTT		
BEDWELL SOUND	BED3	49 14.6	125 49.2	76 07 14 16	75	97	X		X	BOTT		
BEDWELL SOUND	BED4	49 15.2	125 54.6	76 07 14 19	30	46	X		X	BOTT		
NOOTKA SOUND	NOOT	49 29.1	126 51.6	76 07 13 13	75	91	X		X	BOTT		
MUCHALAT INLET	MUC1	49 37.5	126 03.6	76 07 13 21	100	135	X		X	BOTT		
MUCHALAT INLET	MUC2	49 40.0	126 08.2	76 07 13 20	350	362	X		X	BOTT		
MUCHALAT INLET	MUC3	49 39.0	126 14.5	76 07 13 19	350	375	X		X	BOTT		
MUCHALAT INLET	MUC4	49 38.5	126 20.7	76 07 13 17	250	298	X		X	BOTT		
MUCHALAT INLET	MUC5	49 39.0	126 28.5	76 07 13 16	200	229	X		X	BOTT		
MUCHALAT INLET	MUC6	49 35.8	126 35.7	76 07 13 15	100	117	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 77-0057A
YEAR:1977 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF Q.C. SOUND	QD4	51	00.0	129	17.0	77	05	18	18	150		X		X	GLDL		
OFF Q.C. SOUND	QD5	51	00.0	130	05.0	77	05	18	20	1000		X		X	GLDL		
OFF Q.C. SOUND	QD6	51	22.7	130	03.0	77	05	19	07	300		X		X	GLDL		
OFF Q.C. SOUND	QD7	51	25.0	130	34.5	77	05	19	09	1000		X		X	GLDL		
OFF Q.C. SOUND	QD8	51	44.5	130	47.0	77	05	19	13	225		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 77-0057B
YEAR:1977 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF Q.C. SOUND	QD6	51	20.0	130	03.0	77	07	15	05	400		X		X	GLDL		
OFF Q.C. SOUND	QD5	51	00.0	130	05.0	77	07	15	08	900		X		X	GLDL		
OFF Q.C. SOUND	QD4	51	00.0	129	17.0	77	07	15	12	150		X		X	GLDL		
OFF Q.C. SOUND	QD8	51	44.5	130	47.0	77	07	16	02	175		X		X	GLDL		
OFF Q.C. SOUND	QD6	51	22.5	130	01.0	77	07	20	03	250		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 77-0057C
YEAR:1977 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
Q.C. SOUND	QD4	51	00.0	129	17.0	77	09	20	19	150		X		X	GLDL		
OFF Q.C. SOUND	QD5	51	00.0	130	05.0	77	09	20	23	1200		X		X	GLDL		
Q.C. SOUND	QD6	51	20.0	130	03.0	77	09	21	03	300		X		X	GLDL		
OFF Q.C. SOUND	QD7	51	25.0	130	35.0	77	09	21	06	800		X		X	GLDL		
Q.C. SOUND	QD8	51	44.50	130	47.00	77	09	21	13	250		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 77-0081
YEAR:1977 VESSEL/AGENCY: CAMPBELL(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	86	54	22.00	133	27.00	77	01	29	13	190	208	X		X	CTD		
B. C. OFFSHORE	87	54	15.70	133	45.00	77	01	29	14	216	248	X		X	CTD		
B. C. OFFSHORE	88	54	12.00	134	1.50	77	01	29	17	1023	1130	X		X	CTD		
B. C. OFFSHORE	89	54	8.00	134	19.00	77	01	29	19	1500	2450	X		X	CTD		
B. C. OFFSHORE	90	54	3.80	134	28.40	77	01	29	20	1209	4013	X		X	CTD		
B. C. OFFSHORE	91	54	1.90	134	40.00	77	01	29	22	1200	2732	X		X	CTD		
B. C. OFFSHORE	92	53	59.00	134	52.00	77	01	30	00	1222	2674	X		X	CTD		
B. C. OFFSHORE	93	53	49.40	135	25.80	77	01	30	03	1529	2650	X		X	CTD		
B. C. OFFSHORE	94	53	44.20	135	42.30	77	01	30	05	1230	2900	X		X	CTD		
B. C. OFFSHORE	95	53	41.00	136	0.00	77	01	30	07	1531	2979	X		X	CTD		
B. C. OFFSHORE	96	53	8.50	135	36.00	77	01	30	12	1533	3213	X		X	CTD		

B. C. OFFSHORE	97	53	11.40	135	21.30	77	01	30	14	1545	2955	X		X	CTD		
B. C. OFFSHORE	98	53	16.40	135	6.30	77	01	30	16	1525	2910	X		X	CTD		
B. C. OFFSHORE	99	53	19.90	134	52.80	77	01	30	18	1542	2276	X		X	CTD		
B. C. OFFSHORE	100	53	24.30	134	35.90	77	01	30	20	1531	2729	X		X	CTD		
B. C. OFFSHORE	101	53	29.40	134	20.40	77	01	30	21	1529	2822	X		X	CTD		
B. C. OFFSHORE	102	53	34.60	134	4.30	77	01	30	23	1531	2828	X		X	CTD		
B. C. OFFSHORE	103	53	38.80	133	54.60	77	01	31	01	1526	2791	X		X	CTD		
B. C. OFFSHORE	104	53	40.80	133	36.90	77	01	31	03	1529	2042	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 77-0082
YEAR:1977 VESSEL/AGENCY: CAMPBELL(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B. C. OFFSHORE	101	54	22.00	133	26.00	77	09	05	08	216	243	X		X	CTD		
B. C. OFFSHORE	102	54	17.00	133	55.00	77	09	05	10	202	232	X		X	CTD		
B. C. OFFSHORE	103	54	12.00	134	1.00	77	09	05	11	1029	1049	X		X	CTD		
B. C. OFFSHORE	105	54	8.00	134	24.00	77	09	05	15	1511	2459	X		X	CTD		
B. C. OFFSHORE	106	54	6.00	134	25.00	77	09	05	16	1508	2695	X		X	CTD		
B. C. OFFSHORE	107	54	4.00	134	38.00	77	09	05	20	1508	2711	X		X	CTD		
B. C. OFFSHORE	108	53	58.00	134	47.00	77	09	05	22	1500	2675	X		X	CTD		
B. C. OFFSHORE	109	53	50.00	135	4.00	77	09	06	00	1515	2600	X		X	CTD		
B. C. OFFSHORE	110	53	49.00	135	23.00	77	09	06	03	1508	2642	X		X	CTD		
B. C. OFFSHORE	111	53	46.00	135	40.00	77	09	06	05	1511	2847	X		X	CTD		
B. C. OFFSHORE	112	53	41.00	135	54.00	77	09	06	07	1508	3008	X		X	CTD		
B. C. OFFSHORE	113	53	9.00	135	39.00	77	09	06	10	1507	2805	X		X	CTD		
B. C. OFFSHORE	114	53	13.00	135	36.00	77	09	06	12	1507	2660	X		X	CTD		
B. C. OFFSHORE	115	53	18.00	135	2.00	77	09	06	13	1507	2809	X		X	CTD		
B. C. OFFSHORE	116	53	21.00	134	52.00	77	09	06	15	1509	2900	X		X	CTD		
B. C. OFFSHORE	117	53	28.00	134	39.00	77	09	06	16	1508	2738	X		X	CTD		
B. C. OFFSHORE	118	53	29.00	134	18.00	77	09	06	18	1509	2823	X		X	CTD		
B. C. OFFSHORE	119	53	34.00	134	7.00	77	09	06	20	1511	2818	X		X	CTD		
B. C. OFFSHORE	120	53	38.00	133	52.00	77	09	06	21	1519	2733	X		X	CTD		
B. C. OFFSHORE	121	53	40.00	133	35.00	77	09	06	23	1507	2035	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 77-0083
YEAR:1977 VESSEL/AGENCY: IOS,DOBROCKY SEATECH

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	4	49	09.6	124	48.2	77	11	18	18	100	117	X		X	BOTT		
ALBERNI INLET	3	49	10.1	124	48.1	77	11	18	19	100	113	X		X	BOTT		
ALBERNI INLET	2	49	10.7	124	49.1	77	11	18	20	75	97	X		X	BOTT		
ALBERNI INLET	1	49	11.9	124	49.1	77	11	18	22	50	62	X		X	BOTT		
ALBERNI INLET	4	49	09.6	124	48.2	77	11	19	00	100	117	X		X	BOTT		
ALBERNI INLET	3	49	10.1	124	48.1	77	11	19	01	100	113	X		X	BOTT		
ALBERNI INLET	2	49	10.7	124	49.1	77	11	19	02	75	97	X		X	BOTT		
ALBERNI INLET	1	49	11.9	124	49.1	77	11	19	03	50	62	X		X	BOTT		
ALBERNI INLET	4	49	09.6	124	48.2	77	11	19	15	100	117	X		X	BOTT		
ALBERNI INLET	2	49	10.7	124	49.1	77	11	19	17	75		X		X	BOTT		
ALBERNI INLET	1	49	11.9	124	49.1	77	11	19	18	50		X		X	BOTT		
ALBERNI INLET	4	49	09.6	124	48.2	77	11	19	20	100		X		X	BOTT		
ALBERNI INLET	3	49	10.1	124	48.1	77	11	19	21	100		X		X	BOTT		
ALBERNI INLET	2	49	10.7	124	49.1	77	11	19	22	75		X		X	BOTT		
ALBERNI INLET	1	49	11.9	124	49.1	77	11	19	23	50		X		X	BOTT		
ALBERNI INLET	4	49	09.6	124	48.2	77	11	20	15	100		X		X	BOTT		
ALBERNI INLET	3	49	10.1	124	48.1	77	11	20	16	100		X		X	BOTT		
ALBERNI INLET	2	49	10.7	124	49.1	77	11	20	17	75		X		X	BOTT		
ALBERNI INLET	1	49	11.9	124	49.1	77	11	20	18	50		X		X	BOTT		
ALBERNI INLET	4	49	09.6	124	48.2	77	11	20	21	100		X		X	BOTT		
ALBERNI INLET	3	49	10.1	124	48.1	77	11	20	22	100		X		X	BOTT		
ALBERNI INLET	2	49	10.7	124	49.1	77	11	20	23	75		X		X	BOTT		
ALBERNI INLET	1	49	11.9	124	49.1	77	11	21	00	50		X		X	BOTT		
ALBERNI INLET	4	49	09.6	124	48.2	77	11	21	15	100		X		X	BOTT		
ALBERNI INLET	3	49	10.1	124	48.1	77	11	21	16	100		X		X	BOTT		

ALBERNI INLET	2	49	10.7	124	49.1	77	11	21	17	75		X		X	BOTT		
ALBERNI INLET	1	49	11.9	124	49.1	77	11	21	18	50		X		X	BOTT		
ALBERNI INLET	3	49	10.1	124	48.1	77	11	21	22	100		X		X	BOTT	01	25
ALBERNI INLET	3	49	10.1	124	48.1	77	11	21	23	100		X		X	BOTT		
ALBERNI INLET	2	49	10.7	124	49.1	77	11	22	00	75		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 77-0084
YEAR:1977 VESSEL/AGENCY: VECTOR,EPS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TASU SOUND	T1	52	47.8	132	03.1	77	06	18		30		X		X	BOTT		
TASU SOUND	T2	52	46.1	132	03.1	77	06	18		30		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 77-0085
YEAR:1977 VESSEL/AGENCY: PARIZEAU,CHEMEX

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	1	49	11.80	124	49.25	77	11	09	11	50	51	X		X	BOTT	1	18
ALBERNI INLET	1	49	11.80	124	49.25	77	11	09	11	45	51	X		X	BOTT		
ALBERNI INLET	2	49	11.88	124	49.24	77	11	09	12	50	52	X		X	BOTT		
ALBERNI INLET	2	49	11.88	124	49.24	77	11	09	12	51	52	X		X	BOTT		
ALBERNI INLET	3	49	11.76	124	49.22	77	11	09	13	50	60	X		X	BOTT		
ALBERNI INLET	3	49	11.76	124	49.22	77	11	09	13	59	60	X		X	BOTT		
ALBERNI INLET	4	49	12.01	124	49.25	77	11	09	17	50	59	X		X	BOTT		
ALBERNI INLET	4	49	12.01	124	49.25	77	11	09	17	58	59	X		X	BOTT		
ALBERNI INLET	5	49	11.61	124	49.21	77	11	09	17	50	69	X		X	BOTT		
ALBERNI INLET	5	49	11.61	124	49.21	77	11	09	18	68	69	X		X	BOTT		
ALBERNI INLET	6	49	12.33	124	49.27	77	11	09	18	50	55	X		X	BOTT		
ALBERNI INLET	6	49	12.33	124	49.27	77	11	09	19	54	55	X		X	BOTT		
ALBERNI INLET	7	49	11.28	124	49.11	77	11	10	00	50	76	X		X	BOTT		
ALBERNI INLET	7	49	11.28	124	49.11	77	11	10	00	75	76	X		X	BOTT		
ALBERNI INLET	8	49	11.82	124	48.84	77	11	10	01	50	75	X		X	BOTT		
ALBERNI INLET	8	49	11.82	124	48.84	77	11	10	01	74	75	X		X	BOTT		
ALBERNI INLET	9	49	11.80	124	49.10	77	11	10	02	50	65	X		X	BOTT		
ALBERNI INLET	9	49	11.80	124	49.10	77	11	10	02	64	65	X		X	BOTT		
ALBERNI INLET	10	49	11.82	124	48.98	77	11	10	07	50	73	X		X	BOTT		
ALBERNI INLET	10	49	11.82	124	48.98	77	11	10	09	72	73	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 78-0028A
YEAR:1978 VESSEL/AGENCY: IMP.TOFINO,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B.C. OFFSHORE	2	53	39.	133	11.	78	03	14	10	3		X					
B.C. OFFSHORE	3	53	46.	133	12.	78	03	14	23	3		X					

BOTTLE/CTD DATA SET NUMBER: 78-0028C
YEAR:1978 VESSEL/AGENCY: IMP.TOFINO,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B.C. OFFSHORE	6	48	50.	125	10.	78	08	14	00	3		X					
B.C. OFFSHORE	7	49	40.	126	12.	78	08	14	19	3		X					
B.C. OFFSHORE	8	49	46.	126	28.	78	08	14	23	3		X					
B.C. OFFSHORE	9	49	50.	127	02.	78	08	15	13	3		X					
B.C. OFFSHORE	10	50	00.	127	32.	78	08	15	19	3		X					
B.C. OFFSHORE	11	50	30.	128	20.	78	08	15	23	3		X					
B.C. OFFSHORE	24	53	46.	133	12.	78	08	20	06	3		X					

BOTTLE/CTD DATA SET NUMBER: 78-0028D
YEAR:1978 VESSEL/AGENCY: IMP.TOFINO,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B.C. OFFSHORE	6	48	39.	125	09.	78	09	15	10	3		X					
B.C. OFFSHORE	3	49	06.	125	55.	78	09	12	20	3		X					
B.C. OFFSHORE	5	49	18.	126	30.	78	09	15	05	3		X					
B.C. OFFSHORE	4	49	51.	127	13.	78	09	14	14	3		X					
B.C. OFFSHORE	14	53	24.	132	36.	78	09	21	18	3		X					

BOTTLE/CTD DATA SET NUMBER: 78-0028E
YEAR:1978 VESSEL/AGENCY: IMP.TOFINO,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B.C. OFFSHORE	3	54	09.	133	10.	78	10	19	10	3		X					
B.C. OFFSHORE	4	53	41.	133	09.	78	10	19	13	3		X					
B.C. OFFSHORE	5	53	46.	133	12.	78	10	20	01	3		X					

BOTTLE/CTD DATA SET NUMBER: 78-0028F
YEAR:1978 VESSEL/AGENCY: IMP.TOFINO,UBC

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B.C. OFFSHORE	5	52	09.	131	28.	79	01	04	07	3		X					
B.C. OFFSHORE	6	53	29.	132	59.	79	01	05	02	3		X					

BOTTLE/CTD DATA SET NUMBER: 78-0064
YEAR:1978 VESSEL/AGENCY: CAMPBELL(US)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	92	54	16.00	133	46.00	78	02	09	11	207	231	X		X	CTD		
B.C. OFFSHORE	93	54	13.00	134	3.00	78	02	09	13	469	732	X		X	CTD		
B.C. OFFSHORE	94	54	8.00	134	19.00	78	02	09	14	997	2379	X		X	CTD		

BOTTLE/CTD DATA SET NUMBER: 78-0066
YEAR:1978 VESSEL/AGENCY: PARIZEAU,CHEMEX

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	1A	49	11.80	124	49.25	78	02	07	01	40	50	X		X	BOTT		
ALBERNI INLET	1A	49	11.80	124	49.25	78	02	07	01	49	50	X		X	BOTT		
ALBERNI INLET	1B	49	11.80	124	49.25	78	02	09	03	40	52	X		X	BOTT		
ALBERNI INLET	1B	49	11.80	124	49.25	78	02	09	03	51	52	X		X	BOTT		
ALBERNI INLET	2	49	11.88	124	49.24	78	02	07	19	50	55	X		X	BOTT		
ALBERNI INLET	2	49	11.88	124	49.24	78	02	07	19	54	55	X		X	BOTT		
ALBERNI INLET	3	49	11.76	124	49.22	78	02	08	02	50	53	X		X	BOTT		
ALBERNI INLET	3	49	11.76	124	49.22	78	02	08	01	52	53	X		X	BOTT		
ALBERNI INLET	4	49	12.01	124	49.25	78	02	08	04	50	52	X		X	BOTT		
ALBERNI INLET	4	49	12.01	124	49.25	78	02	08	00	51	52	X		X	BOTT		
ALBERNI INLET	5	49	11.61	124	49.21	78	02	08	20	60	71	X		X	BOTT		
ALBERNI INLET	5	49	11.61	124	49.21	78	02	08	20	70	71	X		X	BOTT		
ALBERNI INLET	6	49	12.33	124	49.27	78	02	07	02	40	50	X		X	BOTT		
ALBERNI INLET	6	49	12.33	124	49.27	78	02	07	02	49	50	X		X	BOTT		
ALBERNI INLET	7	49	11.28	124	49.11	78	02	00	20	60	66	X		X	BOTT		
ALBERNI INLET	7	49	11.28	124	49.11	78	02	00	20	65	66	X		X	BOTT		
ALBERNI INLET	8	49	11.82	124	48.84	78	02	09	02	60	74	X		X	BOTT		
ALBERNI INLET	8	49	11.82	124	48.84	78	02	09	02	73	74	X		X	BOTT		
ALBERNI INLET	9	49	11.80	124	49.10	78	02	09	03	50	70	X		X	BOTT		
ALBERNI INLET	9	49	11.80	124	49.10	78	02	09	03	69	70	X		X	BOTT		
ALBERNI INLET	10	49	11.82	124	48.98	78	02	08	22	69	70	X		X	BOTT		
ALBERNI INLET	10	49	11.82	124	48.98	78	02	08	22	69	70	X		X	BOTT		
ALBERNI INLET	11	49	11.47	124	49.19	78	02	07	03	70	76	X		X	BOTT		
ALBERNI INLET	11	49	11.47	124	49.19	78	02	07	03	75	76	X		X	BOTT		
ALBERNI INLET	12	49	12.20	124	49.25	78	02	07	21	50	51	X		X	BOTT		
ALBERNI INLET	12	49	12.20	124	49.25	78	02	07	21	50	51	X		X	BOTT		
ALBERNI INLET	13	49	10.82	124	49.15	78	02	08	03	70	90	X		X	BOTT		
ALBERNI INLET	13	49	10.82	124	49.15	78	02	08	02	89	90	X		X	BOTT		
ALBERNI INLET	14	49	10.47	124	49.09	78	02	08	21	90	108	X		X	BOTT		
ALBERNI INLET	14	49	10.47	124	49.09	78	02	08	21	107	108	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 78-0067
YEAR:1978 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
RUPERT INLET	6	50	34.9	127	30.2	78	09	14	01	114	115	X		X	BOTT		13
RUPERT INLET	3	50	35.5	127	29.8	78	09	16	06	104	104	X		X	BOTT		5
RUPERT INLET	7	50	34.8	127	30.4	78	09	18	00	115	123	X		X	BOTT		5
RUPERT INLET	4	50	35.7	127	30.1	78	09	19	17	101	101	X		X	BOTT		5

BOTTLE/CTD DATA SET NUMBER: 79-0032
YEAR:1979 VESSEL/AGENCY: RIVTOW VIKING,SEAKEM

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B.C. OFFSHORE	3.11	48	31.0	124	43.0	79	07	10	04			X		X			
B.C. OFFSHORE	3.12	48	34.0	124	55.3	79	07	10	05			X		X			
B.C. OFFSHORE	3.13	49	05.0	126	13.0	79	07	10	13			X		X			
B.C. OFFSHORE	3.14	49	26.5	126	41.0	79	07	10	18			X		X			
B.C. OFFSHORE	3.15	49	45.0	127	05.0	79	07	12	01			X		X			
B.C. OFFSHORE	3.16	49	37.0	127	00.0	79	07	12	02			X		X			
B.C. OFFSHORE	3.17	49	31.0	126	56.0	79	07	12	03			X		X			
B.C. OFFSHORE	3.18	49	22.6	126	50.0	79	07	12	04			X		X			
B.C. OFFSHORE	3.19	49	18.0	126	41.9	79	07	12	05			X		X			
B.C. OFFSHORE	3.20	49	13.1	126	33.8	79	07	12	06			X		X			
B.C. OFFSHORE	3.21	49	07.5	126	22.0	79	07	12	08			X		X			
B.C. OFFSHORE	3.22	48	59.9	126	06.9	79	07	12	10			X		X			
B.C. OFFSHORE	3.23	48	51.8	125	51.5	79	07	12	12			X		X			
B.C. OFFSHORE	3.24	48	47.0	125	42.8	79	07	12	13			X		X			
B.C. OFFSHORE	3.25	48	43.0	125	31.0	79	07	12	14			X		X			
B.C. OFFSHORE	3.26	48	40.6	125	21.2	79	07	12	15			X		X			
B.C. OFFSHORE	3.27	48	35.6	125	10.6	79	07	12	16			X		X			
B.C. OFFSHORE	3.28	48	32.5	124	59.0	79	07	12	17			X		X			
B.C. OFFSHORE	3.29	48	30.0	124	48.1	79	07	12	18			X		X			

BOTTLE/CTD DATA SET NUMBER: 79-0036C
YEAR:1979 VESSEL/AGENCY: IMP. TOFINO

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
OFF Q.CH. IS.	9	53	46.	133	12.	79	07	22	00	3	63	X		X			
OFF Q.CH. IS.	10	53	25.	132	40.	79	07	22	10	3	108	X		X			

BOTTLE/CTD DATA SET NUMBER: 79-0036E
YEAR:1979 VESSEL/AGENCY: IMP. TOFINO

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
OFF Q.CH. IS.	14	52	44.	132	15.	80	04	12	06	3	1602	X		X			
OFF Q.CH. IS.	15	52	52.	132	25.	80	04	12	07	3	1260	X		X			
OFF Q.CH. IS.	16	53	45.	133	12.	80	04	13	01	3	81	X		X			
OFF Q.CH. IS.	17	54	08.	133	11.	80	04	13	03	3	65	X		X			

BOTTLE/CTD DATA SET NUMBER: 79-0039
YEAR:1979 VESSEL/AGENCY: PANDORA II,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B.C. OFFSHORE	F05	48	21.0	124	14.0	79	08	04	02			X		X	GLDL		

B.C. OFFSHORE	F04	48 24.0	124 23.0	79 08 04 03			X		X	GLDL	
B.C. OFFSHORE	F03	48 26.0	124 31.0	79 08 04 04			X		X	GLDL	
B.C. OFFSHORE	F02	48 28.0	124 39.0	79 08 04 08			X		X	GLDL	
B.C. OFFSHORE	F01	48 30.0	124 46.0	79 08 04 09			X		X	GLDL	
B.C. OFFSHORE	C01	48 35.0	124 57.0	79 08 04 10			X		X	GLDL	
B.C. OFFSHORE	C66	48 34.0	125 17.0	79 08 04 12			X		X	GLDL	
B.C. OFFSHORE	C65	48 36.0	125 28.0	79 08 04 13			X		X	GLDL	
B.C. OFFSHORE	C64	48 38.0	125 40.0	79 08 04 15			X		X	GLDL	
B.C. OFFSHORE	4	48 21.0	125 26.0	79 08 04 17			X		X	GLDL	
B.C. OFFSHORE	05	48 16.0	125 35.0	79 08 04 20			X		X	GLDL	
B.C. OFFSHORE	17	48 39.0	127 40.0	79 08 04 21			X		X	GLDL	
B.C. OFFSHORE	07	48 7.0	125 56.0	79 08 04 22			X		X	GLDL	
B.C. OFFSHORE	08	48 2.0	126 6.0	79 08 05 01			X		X	GLDL	
B.C. OFFSHORE	09	48 2.0	126 20.0	79 08 05 03			X		X	GLDL	
B.C. OFFSHORE	10	48 6.0	126 29.0	79 08 05 05			X		X	GLDL	
B.C. OFFSHORE	11	48 11.0	126 39.0	79 08 05 08			X		X	GLDL	
B.C. OFFSHORE	12	48 16.0	126 49.0	79 08 05 10			X		X	GLDL	
B.C. OFFSHORE	13	48 20.0	127 0.0	79 08 05 12			X		X	GLDL	
B.C. OFFSHORE	14	48 25.0	127 9.0	79 08 05 14			X		X	GLDL	
B.C. OFFSHORE	15	48 30.0	127 20.0	79 08 05 16			X		X	GLDL	
B.C. OFFSHORE	16	48 35.0	127 30.0	79 08 05 19			X		X	GLDL	
B.C. OFFSHORE	18	48 42.0	127 46.0	79 08 05 22			X		X	GLDL	
B.C. OFFSHORE	19	48 48.0	127 37.0	79 08 06 01			X		X	GLDL	
B.C. OFFSHORE	C20	48 53.0	127 29.0	79 08 06 03			X		X	GLDL	
B.C. OFFSHORE	21	48 59.0	127 19.0	79 08 07 02			X		X	GLDL	
B.C. OFFSHORE	58	48 48.0	126 52.0	79 08 07 06			X		X	GLDL	
B.C. OFFSHORE	22	49 4.0	127 11.0	79 08 07 11			X		X	GLDL	
B.C. OFFSHORE	23	49 10.0	127 2.0	79 08 08 12			X		X	GLDL	
B.C. OFFSHORE	24	49 15.0	126 53.0	79 08 09 10			X		X	GLDL	
B.C. OFFSHORE	25	49 21.0	126 44.0	79 08 09 12			X		X	GLDL	
B.C. OFFSHORE	26	49 30.0	126 51.0	79 08 09 19			X		X	GLDL	
B.C. OFFSHORE	28	49 40.0	127 11.0	79 08 09 20			X		X	GLDL	
B.C. OFFSHORE	C29	49 46.0	127 20.0	79 08 09 21			X		X	GLDL	
B.C. OFFSHORE	C29	49 46.0	127 20.0	79 08 09 21			X		X	GLDL	
B.C. OFFSHORE	C30	49 40.0	127 29.0	79 08 09 22			X		X	GLDL	
B.C. OFFSHORE	31	49 34.0	127 38.0	79 08 10 00			X		X	GLDL	
B.C. OFFSHORE	32	49 29.0	127 46.0	79 08 10 02			X		X	GLDL	
B.C. OFFSHORE	33	49 23.0	127 55.0	79 08 10 04			X		X	GLDL	
B.C. OFFSHORE	33	49 23.0	127 55.0	79 08 10 07			X		X	GLDL	
B.C. OFFSHORE	35	49 12.0	128 12.0	79 08 10 09			X		X	GLDL	
B.C. OFFSHORE	36	49 6.0	128 21.0	79 08 10 11			X		X	GLDL	
B.C. OFFSHORE	37	49 12.0	128 29.0	79 08 10 14			X		X	GLDL	
B.C. OFFSHORE	38	49 18.0	128 36.0	79 08 10 16			X		X	GLDL	
B.C. OFFSHORE	39	49 25.0	128 44.0	79 08 10 18			X		X	GLDL	
B.C. OFFSHORE	40	49 31.0	128 52.0	79 08 10 21			X		X	GLDL	
B.C. OFFSHORE	43	49 47.0	128 28.0	79 08 11 00			X		X	GLDL	
B.C. OFFSHORE	44	49 51.0	128 20.0	79 08 11 02			X		X	GLDL	
B.C. OFFSHORE	45	49 57.0	128 12.0	79 08 11 05			X		X	GLDL	
B.C. OFFSHORE	46	50 1.0	128 5.0	79 08 11 07			X		X	GLDL	
B.C. OFFSHORE	47	50 6.0	127 58.0	79 08 11 09			X		X	GLDL	
B.C. OFFSHORE	69	50 7.0	128 11.0	79 08 11 10			X		X	GLDL	
B.C. OFFSHORE	69	50 7.0	128 11.0	79 08 11 11			X		X	GLDL	
B.C. OFFSHORE	70	50 9.0	128 25.0	79 08 11 12			X		X	GLDL	
B.C. OFFSHORE	71	50 16.0	128 35.0	79 08 11 14			X		X	GLDL	
B.C. OFFSHORE	74	50 42.0	128 34.0	79 08 11 18			X		X	GLDL	
B.C. OFFSHORE	75	50 56.0	128 26.0	79 08 11 21			X		X	GLDL	

BOTTLE/CTD DATA SET NUMBER: 79-0068
YEAR:1979 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
ALBERNI INLET	A7	48 57.02	125 1.30	79 04 19 04	186.8		X		X	GLDL	
ALBERNI INLET	A8	48 53.78	125 3.05	79 04 19 05	172.7		X		X	GLDL	
ALBERNI INLET	A9	48 51.50	125 8.10	79 04 19 05	119.0		X		X	GLDL	
ALBERNI INLET	A10	48 48.20	125 14.40	79 04 19 06	37.6		X		X	GLDL	
ALBERNI INLET	A14	48 50.05	125 15.80	79 04 19 07	96.5		X		X	GLDL	
ALBERNI INLET	A13	48 54.15	125 12.95	79 04 19 07	99.4		X		X	GLDL	
ALBERNI INLET	A12	48 58.20	125 7.80	79 04 19 08	92.2		X		X	GLDL	
ALBERNI INLET	A11	48 57.72	125 4.48	79 04 19 09	171.0		X		X	GLDL	
ALBERNI INLET	A7	48 57.02	125 1.30	79 04 19 09	189.5		X		X	GLDL	
ALBERNI INLET	A6	48 58.78	124 57.80	79 04 19 10	173.8		X		X	GLDL	
ALBERNI INLET	A5	48 59.58	124 53.36	79 04 19 11	290.0		X		X	GLDL	
ALBERNI INLET	A4	49 2.70	124 51.11	79 04 19 12	288.1		X		X	GLDL	

ALBERNI INLET	A3	49	5.50	124	49.50	79	04	19	13	120.0		X		X	GLDL	
ALBERNI INLET	A2	49	7.15	124	48.80	79	04	19	14	139.3		X		X	GLDL	
ALBERNI INLET	A1	49	9.91	124	48.62	79	04	19	15	110.4		X		X	GLDL	
ALBERNI INLET	A0	49	12.16	124	49.02	79	04	19	15	60.7		X		X	GLDL	
OFF. VAN. IS.	101	48	39.00	125	2.50	79	04	19	20	50.7		X		X	GLDL	
OFF. VAN. IS.	102	48	35.60	125	9.00	79	04	19	20	110.2		X		X	GLDL	
OFF. VAN. IS.	103	48	32.20	125	15.50	79	04	19	21	112.1		X		X	GLDL	
OFF. VAN. IS.	104	48	28.90	125	21.80	79	04	19	22	149.0		X		X	GLDL	
OFF. VAN. IS.	105	48	25.50	125	28.30	79	04	19	23	150.9		X		X	GLDL	
OFF. VAN. IS.	106	48	22.00	125	34.70	79	04	20	00	134.0		X		X	GLDL	
OFF. VAN. IS.	107	48	18.60	125	41.20	79	04	20	00	138.1		X		X	GLDL	
OFF. VAN. IS.	108	48	15.10	125	47.70	79	04	20	01	101.2		X		X	GLDL	
OFF. VAN. IS.	109	48	12.90	125	52.00	79	04	20	02	498.9		X		X	GLDL	
OFF. VAN. IS.	110	48	10.60	125	56.20	79	04	20	03	498.6		X		X	GLDL	
OFF. VAN. IS.	111	48	8.50	126	.00	79	04	20	03	495.8		X		X	GLDL	

BOTTLE/CTD DATA SET NUMBER: 79-0069
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
B.C. OFFSHORE	C25	49	21.0	126	44.0	79	05	06	17			X		X	GLDL	
B.C. OFFSHORE	C26	49	30.0	126	51.0	79	05	06	19			X		X	GLDL	
B.C. OFFSHORE	C27	49	35.0	127	1.0	79	05	06	20			X		X	GLDL	
B.C. OFFSHORE	C28	49	40.0	127	10.0	79	05	06	21			X		X	GLDL	
B.C. OFFSHORE	C29	49	46.0	127	20.0	79	05	06	22			X		X	GLDL	
B.C. OFFSHORE	C30	49	40.0	127	29.0	79	05	06	23			X		X	GLDL	
B.C. OFFSHORE	C31	49	35.0	127	36.0	79	05	07	01			X		X	GLDL	
B.C. OFFSHORE	C32	49	29.0	127	45.0	79	05	07	05			X		X	GLDL	
B.C. OFFSHORE	C33	49	23.0	127	55.0	79	05	07	06			X		X	GLDL	
B.C. OFFSHORE	C24	49	15.0	126	53.0	79	05	07	23			X		X	GLDL	
B.C. OFFSHORE	C23	49	10.0	127	2.0	79	05	08	02			X		X	GLDL	
B.C. OFFSHORE	C22	49	4.0	127	11.0	79	05	08	04			X		X	GLDL	
B.C. OFFSHORE	C21	48	59.0	127	20.0	79	05	08	06			X		X	GLDL	
B.C. OFFSHORE	C19	48	47.0	127	37.0	79	05	09	01			X		X	GLDL	
B.C. OFFSHORE	C20	48	53.0	127	28.0	79	05	09	03			X		X	GLDL	
B.C. OFFSHORE	C19	48	47.0	127	37.0	79	05	09	05			X		X	GLDL	
B.C. OFFSHORE	C18	48	42.0	127	46.0	79	05	09	07			X		X	GLDL	
B.C. OFFSHORE	C19	48	47.0	127	37.0	79	05	09	09			X		X	GLDL	
B.C. OFFSHORE	C19	48	47.0	127	37.0	79	05	09	13			X		X	GLDL	
B.C. OFFSHORE	C19	48	48.0	127	37.0	79	05	09	19			X		X	GLDL	
B.C. OFFSHORE	C65	49	6.0	127	35.0	79	05	10	02			X		X	GLDL	
B.C. OFFSHORE	C64	49	14.0	127	39.0	79	05	10	03			X		X	GLDL	
B.C. OFFSHORE	C63	49	21.0	127	42.0	79	05	10	07			X		X	GLDL	
B.C. OFFSHORE	C32	49	29.0	127	45.0	79	05	10	08			X		X	GLDL	
B.C. OFFSHORE	C47	50	6.0	127	58.0	79	05	11	01			X		X	GLDL	
B.C. OFFSHORE	C46	50	1.0	128	5.0	79	05	11	02			X		X	GLDL	
B.C. OFFSHORE	C45	49	56.0	128	13.0	79	05	11	04			X		X	GLDL	
B.C. OFFSHORE	C44	49	51.0	128	20.0	79	05	11	05			X		X	GLDL	
B.C. OFFSHORE	C43	49	47.0	128	29.0	79	05	11	07			X		X	GLDL	
B.C. OFFSHORE	C42	49	41.0	128	36.0	79	05	11	08			X		X	GLDL	
B.C. OFFSHORE	C41	49	36.0	128	44.0	79	05	11	10			X		X	GLDL	
B.C. OFFSHORE	C40	49	31.0	128	52.0	79	05	11	11			X		X	GLDL	
B.C. OFFSHORE	C25	49	21.0	126	44.0	79	05	12	09			X		X	GLDL	
B.C. OFFSHORE	C24	49	15.0	126	53.0	79	05	12	10			X		X	GLDL	
B.C. OFFSHORE	C25	49	21.0	126	44.0	79	05	12	11			X		X	GLDL	
B.C. OFFSHORE	F01	48	29.0	124	46.0	79	05	12	20			X		X	GLDL	

BOTTLE/CTD DATA SET NUMBER: 79-0070
YEAR:1979 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
OFF VAN. IS.	3	48	35.1	125	01.2	79	05	23	16	54	75	X		X	GLDL	
OFF VAN. IS.	4	48	40.1	125	03.0	79	05	23	17	43	60	X		X	GLDL	

OFF VAN. IS.	5	48	32.4	125	16.1	79	05	23	19	103	120	X		X	GLDL
OFF VAN. IS.	6	48	24.8	125	27.2	79	05	23	21	105	130	X		X	GLDL
OFF VAN. IS.	7	48	17.9	125	40.4	79	05	23	23	132	144	X		X	GLDL
OFF VAN. IS.	10	48	19.4	126	08.6	79	05	24	15	179	750	X		X	GLDL
OFF VAN. IS.	11	48	26.6	125	57.6	79	05	24	17	153	180	X		X	GLDL
OFF VAN. IS.	12	48	32.3	125	45.5	79	05	24	19	76	86	X		X	GLDL
OFF VAN. IS.	13	48	38.9	125	33.7	79	05	24	20	51	70	X		X	GLDL
OFF VAN. IS.	14	48	41.7	125	27.9	79	05	24	21	104	140	X		X	GLDL
OFF VAN. IS.	15	48	44.8	125	22.6	79	05	24	22	77	100	X		X	GLDL
OFF VAN. IS.	16	48	53.2	125	39.1	79	05	25	15	33	45	X		X	GLDL
OFF VAN. IS.	17	48	50.0	125	47.6	79	05	25	16	42	50	X		X	GLDL
OFF VAN. IS.	17	48	50.0	125	47.6	79	05	25	16	42	50	X		X	GLDL
OFF VAN. IS.	17a	48	46.9	125	50.7	79	05	25	17	52	64	X		X	GLDL
OFF VAN. IS.	18	48	44.3	125	56.4	79	05	25	18	52	75	X		X	GLDL
OFF VAN. IS.	19	48	38.5	126	04.7	79	05	25	19	103	128	X		X	GLDL
OFF VAN. IS.	20	48	31.4	126	18.2	79	05	25	20	177	660	X		X	GLDL
OFF VAN. IS.	21	48	28.4	126	24.8	79	05	25	22	177	1200	X		X	GLDL
OFF VAN. IS.	22	48	47.1	126	18.8	79	05	26	00	164	175	X		X	GLDL
OFF VAN. IS.	23	48	26.8	125	23.4	79	05	26	15	131	135	X		X	GLDL
OFF VAN. IS.	24	48	26.5	125	21.8	79	05	26	15	126	160	X		X	GLDL
OFF VAN. IS.	25	48	26.6	125	19.0	79	05	26	16	127	160	X		X	GLDL
OFF VAN. IS.	26	48	26.0	125	16.4	79	05	26	17	125	150	X		X	GLDL
OFF VAN. IS.	27	48	22.1	125	22.0	79	05	26	17	77	113	X		X	GLDL
OFF VAN. IS.	28	48	22.6	125	19.5	79	05	26	19	74	120	X		X	GLDL
OFF VAN. IS.	29	48	20.5	125	24.7	79	05	26	21	77	130	X		X	GLDL
OFF VAN. IS.	30	48	18.6	125	30.5	79	05	26	22	78	130	X		X	GLDL
OFF VAN. IS.	31	48	22.0	125	11.6	79	05	27	15	103	180	X		X	GLDL
OFF VAN. IS.	32	48	21.6	125	14.6	79	05	27	15	100	174	X		X	GLDL
OFF VAN. IS.	33	48	21.4	125	17.2	79	05	27	16	102	160	X		X	GLDL
OFF VAN. IS.	34	48	22.4	125	20.9	79	05	27	17	101	160	X		X	GLDL
OFF VAN. IS.	35	48	26.4	125	26.6	79	05	27	17	101	155	X		X	GLDL
OFF VAN. IS.	36	48	22.6	125	22.1	79	05	27	19	101	170	X		X	GLDL
OFF VAN. IS.	37	48	25.2	125	18.6	79	05	27	19	101	120	X		X	GLDL
OFF VAN. IS.	38	48	25.7	125	15.8	79	05	27	20	102	170	X		X	GLDL
OFF VAN. IS.	39	48	26.4	125	13.2	79	05	27	21	101	160	X		X	GLDL
OFF VAN. IS.	40	48	27.3	125	10.0	79	05	27	22	103	149	X		X	GLDL
OFF VAN. IS.	41	48	28.0	125	07.6	79	05	27	23	102	160	X		X	GLDL
OFF VAN. IS.	42	48	30.4	125	22.3	79	05	28	15	107	150	X		X	GLDL
OFF VAN. IS.	43	48	33.4	125	13.8	79	05	28	16	93	103	X		X	GLDL
OFF VAN. IS.	44	48	34.6	125	08.0	79	05	28	17	80	100	X		X	GLDL
OFF VAN. IS.	45	48	34.2	124	59.8	79	05	28	18	30	40	X		X	GLDL
OFF VAN. IS.	46	48	32.3	124	53.9	79	05	28	19	54	80	X		X	GLDL
OFF VAN. IS.	47	48	29.4	124	44.2	79	05	28	21	131	240	X		X	GLDL
OFF VAN. IS.	48	48	21.0	124	17.6	79	05	28	22	149	200	X		X	GLDL

BOTTLE/CTD DATA SET NUMBER: 79-0071A
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T			
B.C. OFFSHORE	C47	50	6.0	127	58.0	79	09	23	10			X		X	GLDL		
B.C. OFFSHORE	C46	50	1.0	128	5.0	79	09	23	12			X		X	GLDL		
B.C. OFFSHORE	C45	49	57.0	128	12.0	79	09	23	13			X		X	GLDL		
B.C. OFFSHORE	C44	49	51.0	128	20.0	79	09	23	21			X		X	GLDL		
B.C. OFFSHORE	C43	49	47.0	128	28.0	79	09	23	23			X		X	GLDL		
B.C. OFFSHORE	C42	49	42.0	128	36.0	79	09	24	04			X		X	GLDL		
B.C. OFFSHORE	C41	49	36.0	128	44.0	79	09	24	05			X		X	GLDL		
B.C. OFFSHORE	C40	49	31.0	128	52.0	79	09	24	07			X		X	GLDL		
B.C. OFFSHORE	C38	49	18.0	128	36.0	79	09	24	11			X		X	GLDL		
B.C. OFFSHORE	C36	49	6.0	128	21.0	79	09	24	15			X		X	GLDL		
B.C. OFFSHORE	C35	49	12.0	128	12.0	79	09	24	18			X		X	GLDL		
B.C. OFFSHORE	C34	49	18.0	128	4.0	79	09	24	19			X		X	GLDL		
B.C. OFFSHORE	C33	49	23.0	127	55.0	79	09	24	23			X		X	GLDL		
B.C. OFFSHORE	C33	49	23.0	127	55.0	79	09	25	00			X		X	GLDL		
B.C. OFFSHORE	C32	49	29.0	127	46.0	79	09	25	01			X		X	GLDL		
B.C. OFFSHORE	C31	49	34.0	127	38.0	79	09	25	04			X		X	GLDL		
B.C. OFFSHORE	C30	49	40.0	127	29.0	79	09	25	06			X		X	GLDL		
B.C. OFFSHORE	C29	49	46.0	127	20.0	79	09	25	07			X		X	GLDL		
B.C. OFFSHORE	C27	49	36.0	127	1.0	79	09	25	09			X		X	GLDL		
B.C. OFFSHORE	C25	49	21.0	126	44.0	79	09	25	12			X		X	GLDL		
B.C. OFFSHORE	C24	49	15.0	126	53.0	79	09	25	13			X		X	GLDL		
B.C. OFFSHORE	C23	49	10.0	127	2.0	79	09	25	14			X		X	GLDL		
B.C. OFFSHORE	C22	49	4.0	127	11.0	79	09	25	16			X		X	GLDL		
B.C. OFFSHORE	C20	48	53.0	127	29.0	79	09	26	22			X		X	GLDL		

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	C19	48	48.0	127	37.0	79	09	27	00			X		X	GLDL		
B.C. OFFSHORE	C18	48	42.0	127	46.0	79	09	27	02			X		X	GLDL		
B.C. OFFSHORE	C58	48	48.0	126	52.0	79	09	27	07			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 79-0071C
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ALBERNI INLET	A6	48	58.78	124	57.80	79	10	04	08	185.8		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	79	10	04	09	303.8		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	79	10	04	19	54.7		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	79	10	04	19	103.4		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	79	10	04	20	134.9		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	79	10	04	21	111.3		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	79	10	04	21	284.9		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	79	10	05	00	228.2		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	79	10	05	01	134.1		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	79	10	05	02	91.2		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	79	10	05	03	90.3		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	79	10	05	03	88.3		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	79	10	05	04	74.7		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	79	10	05	05	122.4		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	79	10	05	06	165.8		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	79	10	05	06	219.5		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	79	10	05	22	198.8		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	79	10	05	22	197.7		X		X	GLDL		
OFF. VAN. IS.	111	48	8.50	126	0.00	79	10	13	05	496.9		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	79	10	13	06	497.7		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	79	10	13	07	501.0		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	79	10	13	09	225.3		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	79	10	13	10	154.1		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	79	10	13	11	148.8		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	79	10	13	11	130.1		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	79	10	13	12	148.8		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	79	10	13	13	114.2		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	79	10	13	14	110.0		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	79	10	13	15	68.5		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 79-0072
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF. VAN. IS.	111	48	8.50	126	.00	79	11	28	00	500.7		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	79	11	28	03	498.0		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	79	11	28	04	396.7		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	79	11	28	05	185.5		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	79	11	28	07	131.2		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	79	11	28	08	125.3		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	79	11	28	09	141.1		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	79	11	28	11	139.8		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	79	11	28	12	92.2		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	79	11	28	13	91.3		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	79	11	28	13	39.8		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	79	11	28	18	49.5		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	79	11	28	19	92.4		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	79	11	28	20	126.3		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	79	11	28	20	104.5		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	79	11	28	21	180.9		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	79	11	28	22	300.2		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	79	11	28	23	175.7		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	79	11	28	23	203.6		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	79	11	29	00	70.6		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	79	11	29	01	83.4		X		X	GLDL		

ALBERNI INLET	A10	48	48.20	125	14.40	79	11	29	01	74.4		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	79	11	29	02	92.3		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	79	11	29	02	82.3		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	79	11	29	04	110.1		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	79	11	29	05	144.9		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	21.50	126	44.50	79	12	01	20	87.4		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	15.50	126	53.00	79	12	01	21	114.0		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	10.00	127	2.00	79	12	01	22	356.2		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	4.50	127	11.00	79	12	02	00	134.7		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	59.00	127	19.50	79	12	02	01	176.9		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	53.50	127	29.00	79	12	02	03	201.7		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	48.00	127	37.50	79	12	02	05	184.9		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	42.00	127	46.00	79	12	02	06	127.4		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	31.50	128	52.50	79	12	02	14	132.5		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	36.50	128	44.50	79	12	02	16	223.3		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	42.00	128	36.50	79	12	02	17	081.4		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	47.00	128	28.50	79	12	02	19	121.7		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	51.50	128	20.50	79	12	02	21	208.5		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	57.00	128	12.50	79	12	02	22	012.9		X		X	GLDL		
OFF. VAN. IS.	W.C.	50	1.50	128	5.50	79	12	03	00	639.2		X		X	GLDL		
OFF. VAN. IS.	W.C.	50	6.00	127	58.00	79	12	03	01	74.8		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 79-0073
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
OFF. VAN. IS.	111	48	8.50	126	.00	79	05	19	00	491.0		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	79	05	19	00	487.2		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	79	05	19	01	494.7		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	79	05	19	02	192.7		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	79	05	19	03	131.1		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	79	05	19	04	135.2		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	79	05	19	05	138.1		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	79	05	19	06	91.5		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	79	05	19	07	81.3		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	79	05	19	08	40.5		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	79	05	20	08	215.6		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	79	05	20	22	37.4		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	79	05	20	22	92.5		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	79	05	20	23	132.1		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	79	05	21	00	101.4		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	79	05	21	00	276.0		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	79	05	21	01	338.9		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	79	05	21	02	184.9		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	79	05	21	03	221.5		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	79	05	21	04	149.1		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	79	05	21	04	78.5		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	79	05	21	05	90.2		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	79	05	21	05	80.4		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	79	05	21	06	74.6		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	79	05	21	08	151.8		X		X	GLDL		
OFF. VAN. IS.	201	48	25.00	125	59.80	79	05	21	18	222.1		X		X	GLDL		
OFF. VAN. IS.	202	48	31.50	126	7.00	79	05	21	19	330.2		X		X	GLDL		
OFF. VAN. IS.	203	48	35.80	126	12.70	79	05	21	20	164.6		X		X	GLDL		
OFF. VAN. IS.	204	48	41.40	126	19.10	79	05	21	22	511.4		X		X	GLDL		
OFF. VAN. IS.	205	48	48.00	126	26.00	79	05	21	23	172.4		X		X	GLDL		
OFF. VAN. IS.	206	48	54.00	126	33.00	79	05	22	00	408.8		X		X	GLDL		
OFF. VAN. IS.	207	49	1.30	126	41.80	79	05	22	02	149.9		X		X	GLDL		
OFF. VAN. IS.	208	49	7.30	126	48.90	79	05	22	03	147.7		X		X	GLDL		
OFF. VAN. IS.	209	49	13.70	126	57.10	79	05	22	05	139.0		X		X	GLDL		
OFF. VAN. IS.	210	49	21.53	127	5.60	79	05	22	06	500.8		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	79	05	22	07	123.1		X		X	GLDL		
OFF. VAN. IS.	211	49	28.37	127	13.72	79	05	22	07	507.7		X		X	GLDL		
OFF. VAN. IS.	212	49	33.64	127	20.38	79	05	22	09	136.0		X		X	GLDL		
OFF. VAN. IS.	213	49	38.80	127	27.00	79	05	22	10	354.0		X		X	GLDL		
OFF. VAN. IS.	214	49	42.70	127	32.10	79	05	22	11	522.6		X		X	GLDL		
W.VAN.IS.COAST	ZEB 3	49	52.30	126	50.30	79	05	22	16	30.2		X		X	GLDL		
W.VAN.IS.COAST	ZEB 2	49	55.50	126	47.90	79	05	22	17	201.1		X		X	GLDL		
W.VAN.IS.COAST	ZEB 1	49	58.00	126	51.00	79	05	22	18	102.6		X		X	GLDL		
W.VAN.IS.COAST	HEC 1	49	52.10	126	45.10	79	05	22	19	241.0		X		X	GLDL		
W.VAN.IS.COAST	TAH 1	49	54.00	126	39.30	79	05	22	20	135.2		X		X	GLDL		
W.VAN.IS.COAST	TAH 2	49	51.40	126	39.70	79	05	22	21	176.4		X		X	GLDL		
W.VAN.IS.COAST	TAH 3	49	47.90	126	39.10	79	05	22	22	106.5		X		X	GLDL		

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W.VAN.IS.COAST TAH 4  49 44.70 126 37.60  79 05 22 22  81.1        X      X GLDL
W.VAN.IS.COAST TAH 5  49 42.20 126 36.00  79 05 22 23  73.1        X      X GLDL
W.VAN.IS.COAST MUC 6  49 35.80 126 35.70  79 05 23 00  99.7        X      X GLDL
W.VAN.IS.COAST TAH 6  49 39.10 126 35.80  79 05 23 00 140.8        X      X GLDL
W.VAN.IS.COAST TLU 1  49 41.60 126 30.90  79 05 23 01 237.0        X      X GLDL
W.VAN.IS.COAST MUC 5  49 39.00 126 28.50  79 05 23 02 221.4        X      X GLDL
W.VAN.IS.COAST MUC 4  49 38.50 126 20.70  79 05 23 03 245.8        X      X GLDL
W.VAN.IS.COAST MUC 3  49 39.00 126 14.50  79 05 23 04 343.9        X      X GLDL
W.VAN.IS.COAST MUC 2  49 40.20 126  9.50  79 05 23 05 320.6        X      X GLDL
W.VAN.IS.COAST MUC 1  49 37.50 126  3.60  79 05 23 06 110.5        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 23 21 147.2        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 23 21 150.8        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 23 22 150.8        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 23 22 150.2        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 23 23 141.7        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 23 23 140.9        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 00 141.9        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 00 139.9        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 01 142.7        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 01 141.6        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 02 146.1        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 02 142.9        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 03 137.0        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 03 139.0        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 04 138.2        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 04 138.7        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 05 138.2        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 05 136.0        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 06 136.0        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 06 136.1        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 07 151.0        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 07 152.7        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 08 152.1        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 08 152.1        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 09 150.0        X      X GLDL
OFF. VAN. IS.  111    48  8.50 126  0.00  79 05 24 10 503.6        X      X GLDL
OFF. VAN. IS.  110    48 10.60 125 56.20  79 05 24 11 500.7        X      X GLDL
OFF. VAN. IS.  109    48 12.90 125 52.00  79 05 24 12 435.5        X      X GLDL
OFF. VAN. IS.  108    48 15.10 125 47.70  79 05 24 13 235.0        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 05 24 14 142.1        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 05 24 14 141.1        X      X GLDL
OFF. VAN. IS.  105    48 25.50 125 28.30  79 05 24 15 113.2        X      X GLDL
OFF. VAN. IS.  104    48 28.90 125 21.80  79 05 24 15 141.8        X      X GLDL
OFF. VAN. IS.  103    48 32.20 125 15.50  79 05 24 16 114.2        X      X GLDL
OFF. VAN. IS.  102    48 35.60 125  9.00  79 05 24 17  91.2        X      X GLDL
OFF. VAN. IS.  101    48 39.00 125  2.50  79 05 24 18  45.8        X      X GLDL


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BOTTLE/CTD DATA SET NUMBER:  79-0074
YEAR:1979      VESSEL/AGENCY: ENDEAVOUR,IOS


    AREA          STN     LAT       LON          DATE       CAST WATER PARAM  INSTR INT NO
                       DEG MIN  DEG MIN    YR MO DY HR   TO  DEPTH  MEAS          HR
                                                        (M)   (M)  C  S  T


ALBERNI INLET  A0     49 12.16 124 49.02  79 01 30 17  51.6        X      X GLDL
ALBERNI INLET  A1     49  9.91 124 48.62  79 01 30 17 101.3        X      X GLDL
ALBERNI INLET  A2     49  7.15 124 48.80  79 01 30 18 129.3        X      X GLDL
ALBERNI INLET  A3     49  5.50 124 49.50  79 01 30 19 103.2        X      X GLDL
ALBERNI INLET  A4     49  2.70 124 51.11  79 01 30 20 284.7        X      X GLDL
ALBERNI INLET  A5     48 59.58 124 53.38  79 01 30 20 356.3        X      X GLDL
ALBERNI INLET  A6     48 58.78 124 57.80  79 01 30 22 189.9        X      X GLDL
ALBERNI INLET  A7     48 57.02 125  1.30  79 01 30 23 182.9        X      X GLDL
ALBERNI INLET  A8     48 53.78 125  3.05  79 01 31 00 187.8        X      X GLDL
ALBERNI INLET  A9     48 51.50 125  8.10  79 01 31 01 110.0        X      X GLDL
ALBERNI INLET  A11    48 57.72 125  4.48  79 01 31 02 143.7        X      X GLDL
ALBERNI INLET  A12    48 58.20 125  7.80  79 01 31 03  81.1        X      X GLDL
ALBERNI INLET  A13    48 54.15 125 12.95  79 01 31 03  90.6        X      X GLDL
ALBERNI INLET  A14    48 50.05 125 15.80  79 01 31 04  98.1        X      X GLDL
ALBERNI INLET  A10    48 48.20 125 14.40  79 01 31 05  40.5        X      X GLDL
OFF. VAN. IS.  101    48 39.00 125  2.50  79 01 31 06  54.5        X      X GLDL
OFF. VAN. IS.  102    48 35.60 125  9.00  79 01 31 07 103.3        X      X GLDL
OFF. VAN. IS.  103    48 32.20 125 15.50  79 01 31 07 103.0        X      X GLDL
OFF. VAN. IS.  104    48 28.90 125 21.80  79 01 31 08 137.9        X      X GLDL
OFF. VAN. IS.  105    48 25.50 125 28.30  79 01 31 09 122.0        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 01 31 09 125.1        X      X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  79 01 31 10 138.1        X      X GLDL
OFF. VAN. IS.  108    48 15.10 125 47.70  79 01 31 11 172.8        X      X GLDL
OFF. VAN. IS.  109    48 12.90 125 52.00  79 01 31 11 394.0        X      X GLDL
OFF. VAN. IS.  110    48 10.60 125 56.20  79 01 31 12 534.6        X      X GLDL
OFF. VAN. IS.  111    48  8.50 126   .00  79 01 31 13 550.3        X      X GLDL
OFF. VAN. IS.  108    48 15.10 125 47.70  79 01 31 14 185.6        X      X GLDL
OFF. VAN. IS.  201    48 25.00 125 59.80  79 01 31 16 177.7        X      X GLDL
OFF. VAN. IS.  202    48 31.50 126  7.00  79 01 31 17 178.8        X      X GLDL
OFF. VAN. IS.  203    48 35.80 126 12.70  79 01 31 18 495.9        X      X GLDL
OFF. VAN. IS.  204    48 41.40 126 19.10  79 01 31 19 421.7        X      X GLDL
OFF. VAN. IS.  205    48 48.00 126 26.00  79 01 31 20 261.2        X      X GLDL
OFF. VAN. IS.  206    48 54.00 126 33.00  79 01 31 21 249.1        X      X GLDL
OFF. VAN. IS.  207    49  1.30 126 41.80  79 01 31 22 199.3        X      X GLDL
OFF. VAN. IS.  208    49  7.30 126 48.90  79 01 31 23 153.5        X      X GLDL
OFF. VAN. IS.  209    49 13.70 126 57.10  79 02 01 00 150.9        X      X GLDL
OFF. VAN. IS.  210    49 21.53 127  5.60  79 02 01 01 143.1        X      X GLDL
OFF. VAN. IS.  211    49 28.37 127 13.72  79 02 01 01 156.8        X      X GLDL
OFF. VAN. IS.  212    49 33.64 127 20.38  79 02 01 03 225.1        X      X GLDL
OFF. VAN. IS.  213    49 38.80 127 27.00  79 02 01 04 401.9        X      X GLDL
OFF. VAN. IS.  214    49 42.70 127 32.10  79 02 01 05 490.6        X      X GLDL
OFF. VAN. IS.  215    49 47.60 127 36.90  79 02 01 06 134.0        X      X GLDL
OFF. VAN. IS.  216    49 53.20 127 41.40  79 02 01 07 258.1        X      X GLDL
OFF. VAN. IS.  217    49 59.10 127 48.40  79 02 01 08 502.7        X      X GLDL
OFF. VAN. IS.  218    50  5.20 127 56.90  79 02 01 09  85.4        X      X GLDL
OFF. VAN. IS.  301    50  1.00 128  6.00  79 02 01 10 501.7        X      X GLDL
OFF. VAN. IS.  302    49 56.50 128 12.00  79 02 01 11 503.0        X      X GLDL
OFF. VAN. IS.  303    49 47.00 128 28.00  79 02 01 13 546.2        X      X GLDL
OFF. VAN. IS.  304    49 38.00 128 40.00  79 02 01 14 541.4        X      X GLDL
OFF. VAN. IS.  305    49 21.00 128 19.00  79 02 01 16 539.6        X      X GLDL
OFF. VAN. IS.  306    49  5.00 127 58.00  79 02 01 19 542.2        X      X GLDL
OFF. VAN. IS.  307    48 48.00 127 37.00  79 02 01 20 522.6        X      X GLDL
OFF. VAN. IS.  309    48 58.00 127 20.00  79 02 01 22 513.4        X      X GLDL
OFF. VAN. IS.  311    49  6.00 127  8.00  79 02 02 00 550.3        X      X GLDL
OFF. VAN. IS.  313    49 14.00 126 55.00  79 02 02 01 163.6        X      X GLDL
OFF. VAN. IS.  315    49 20.00 126 46.00  79 02 02 02 105.9        X      X GLDL
W.VAN.IS.COAST MUC 6  49 35.80 126 35.70  79 02 02 04 100.2        X      X GLDL
W.VAN.IS.COAST MUC 5  49 39.00 126 28.50  79 02 02 05 218.8        X      X GLDL
W.VAN.IS.COAST MUC 4  49 38.50 126 20.70  79 02 02 06 200.1        X      X GLDL
W.VAN.IS.COAST MUC 3  49 39.00 126 14.50  79 02 02 07 319.3        X      X GLDL
W.VAN.IS.COAST MUC 2  49 40.20 126  9.50  79 02 02 09 365.3        X      X GLDL
W.VAN.IS.COAST MUC 1  49 37.50 126  3.60  79 02 02 15 122.2        X      X GLDL
W.VAN.IS.COAST TLU 1  49 41.60 126 30.90  79 02 02 17 247.6        X      X GLDL
W.VAN.IS.COAST TAH 6  49 39.10 126 35.80  79 02 02 18 149.7        X      X GLDL
W.VAN.IS.COAST TAH 5  49 42.20 126 36.00  79 02 02 18  75.4        X      X GLDL
W.VAN.IS.COAST TAH 4  49 44.70 126 37.60  79 02 02 19  89.5        X      X GLDL
W.VAN.IS.COAST TAH 3  49 47.90 126 39.10  79 02 02 19 119.2        X      X GLDL
W.VAN.IS.COAST TAH 2  49 51.40 126 39.70  79 02 02 20 189.5        X      X GLDL
W.VAN.IS.COAST TAH 2  49 51.40 126 39.70  79 02 02 20 186.0        X      X GLDL
W.VAN.IS.COAST TAH 1  49 54.00 126 39.30  79 02 02 21 176.3        X      X GLDL
W.VAN.IS.COAST HEC 1  49 52.10 126 45.10  79 02 02 22 240.5        X      X GLDL
W.VAN.IS.COAST ZEB 1  49 58.00 126 51.00  79 02 02 23 110.6        X      X GLDL
W.VAN.IS.COAST ZEB 2  49 55.50 126 47.90  79 02 03 00 201.5        X      X GLDL
W.VAN.IS.COAST ZEB 3  49 52.30 126 50.30  79 02 03 00 237.4        X      X GLDL
W.VAN.IS.COAST ZEB 4  49 51.30 126 55.60  79 02 03 01 228.9        X      X GLDL
W.VAN.IS.COAST ZEB 5  49 48.90 127   .80  79 02 03 02  30.2        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 12 138.7        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 12 135.1        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 13 134.8        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 13 132.2        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 14 135.8        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 14 131.2        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 15 123.9        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 15 145.0        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 16 132.9        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 16 134.1        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 17 134.6        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 17 134.1        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 18 137.1        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 18 133.9        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 18 132.1        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 19 129.7        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 20 137.0        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 20 138.0        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 20 136.8        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 21 138.9        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 22 137.8        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 22 137.9        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 23 138.6        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 03 23 136.8        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 04 00 123.0        X      X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  79 02 04 00 126.9        X      X GLDL
OFF. VAN. IS.  111    48  8.50 126   .00  79 02 04 02 532.3        X      X GLDL
OFF. VAN. IS.  110    48 10.60 125 56.20  79 02 04 03 555.9        X      X GLDL
OFF. VAN. IS.  109    48 12.90 125 52.00  79 02 04 04 522.4        X      X GLDL
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OFF. VAN. IS.	108	48	15.10	125	47.70	79	02	04	05	280.0		X		X	GLDL	
OFF. VAN. IS.	107	48	18.60	125	41.20	79	02	04	06	139.9		X		X	GLDL	
OFF. VAN. IS.	106	48	22.00	125	34.70	79	02	04	07	126.9		X		X	GLDL	
OFF. VAN. IS.	105	48	25.50	125	28.30	79	02	04	07	124.9		X		X	GLDL	
OFF. VAN. IS.	104	48	28.90	125	21.80	79	02	04	08	135.7		X		X	GLDL	
OFF. VAN. IS.	103	48	32.20	125	15.50	79	02	04	09	106.3		X		X	GLDL	
OFF. VAN. IS.	102	48	35.60	125	9.00	79	02	04	11	109.2		X		X	GLDL	
OFF. VAN. IS.	101	48	39.00	125	2.50	79	02	04	12	55.6		X		X	GLDL	
ALBERNI INLET	A10	48	48.20	125	14.40	79	02	04	13	40.7		X		X	GLDL	
ALBERNI INLET	A14	48	50.05	125	15.80	79	02	04	13	104.1		X		X	GLDL	
ALBERNI INLET	A13	48	54.15	125	12.95	79	02	04	14	103.3		X		X	GLDL	
ALBERNI INLET	A12	48	58.20	125	7.80	79	02	04	14	92.4		X		X	GLDL	
ALBERNI INLET	A11	48	57.72	125	4.48	79	02	04	15	149.0		X		X	GLDL	
ALBERNI INLET	A9	48	51.50	125	8.10	79	02	04	16	132.2		X		X	GLDL	
ALBERNI INLET	A8	48	53.78	125	3.05	79	02	04	16	151.0		X		X	GLDL	
ALBERNI INLET	A7	48	57.02	125	1.30	79	02	04	17	190.7		X		X	GLDL	
ALBERNI INLET	A6	48	58.78	124	57.80	79	02	04	18	170.8		X		X	GLDL	
ALBERNI INLET	A5	48	59.58	124	53.38	79	02	04	18	270.1		X		X	GLDL	
ALBERNI INLET	A4	49	2.70	124	51.11	79	02	04	19	278.0		X		X	GLDL	
ALBERNI INLET	A3	49	5.50	124	49.50	79	02	04	19	101.0		X		X	GLDL	
ALBERNI INLET	A2	49	7.15	124	48.80	79	02	04	20	125.1		X		X	GLDL	
ALBERNI INLET	A1	49	9.91	124	48.62	79	02	04	20	109.3		X		X	GLDL	
ALBERNI INLET	A0	49	12.16	124	49.02	79	02	04	21	60.5		X		X	GLDL	

BOTTLE/CTD DATA SET NUMBER: 79-0075
YEAR:1979 VESSEL/AGENCY: PANDORA II,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
ALBERNI INLET	A1	49	9.91	124	48.62	79	03	08	13	103.4		X		X	GLDL	
ALBERNI INLET	A2	49	7.15	124	48.80	79	03	08	13	122.3		X		X	GLDL	
ALBERNI INLET	A3	49	5.50	124	49.50	79	03	08	14	109.4		X		X	GLDL	
ALBERNI INLET	A4	49	2.70	124	51.11	79	03	08	15	219.7		X		X	GLDL	
ALBERNI INLET	A5	48	59.58	124	53.38	79	03	08	16	322.9		X		X	GLDL	
ALBERNI INLET	A6	48	58.78	124	57.80	79	03	08	17	161.1		X		X	GLDL	
ALBERNI INLET	A7	48	57.02	125	1.30	79	03	08	18	161.1		X		X	GLDL	
ALBERNI INLET	A8	48	53.78	125	3.05	79	03	08	19	173.0		X		X	GLDL	
ALBERNI INLET	A9	48	51.50	125	8.10	79	03	08	19	123.3		X		X	GLDL	
ALBERNI INLET	A10	48	48.20	125	14.40	79	03	08	20	40.8		X		X	GLDL	
ALBERNI INLET	A11	48	57.72	125	4.48	79	03	08	22	51.7		X		X	GLDL	
ALBERNI INLET	A12	48	58.20	125	7.80	79	03	08	22	88.5		X		X	GLDL	
ALBERNI INLET	A13	48	54.15	125	12.95	79	03	08	23	85.5		X		X	GLDL	
ALBERNI INLET	A14	48	50.05	125	15.80	79	03	08	23	90.5		X		X	GLDL	
OFF. VAN. IS.	101	48	39.00	125	2.50	79	03	09	01	60.7		X		X	GLDL	
OFF. VAN. IS.	102	48	35.60	125	9.00	79	03	09	02	98.4		X		X	GLDL	
OFF. VAN. IS.	103	48	32.20	125	15.50	79	03	09	02	102.3		X		X	GLDL	
OFF. VAN. IS.	104	48	28.90	125	21.80	79	03	09	03	142.0		X		X	GLDL	
OFF. VAN. IS.	105	48	25.50	125	28.30	79	03	09	03	127.2		X		X	GLDL	
OFF. VAN. IS.	106	48	22.00	125	34.70	79	03	09	04	149.0		X		X	GLDL	
OFF. VAN. IS.	107	48	18.60	125	41.20	79	03	09	05	148.0		X		X	GLDL	
OFF. VAN. IS.	108	48	15.10	125	47.70	79	03	09	05	210.5		X		X	GLDL	
OFF. VAN. IS.	109	48	12.90	125	52.00	79	03	09	06	428.7		X		X	GLDL	

BOTTLE/CTD DATA SET NUMBER: 79-0076
YEAR:1979 VESSEL/AGENCY: PANDORA II,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
OFF. VAN. IS.	109	48	12.90	125	52.00	79	06	21	08	417.4		X		X	GLDL	
ALBERNI INLET	A1	49	9.91	124	48.62	79	06	21	15	110.3		X		X	GLDL	
ALBERNI INLET	A2	49	7.15	124	48.80	79	06	21	16	129.3		X		X	GLDL	
ALBERNI INLET	A3	49	5.50	124	49.50	79	06	21	16	109.2		X		X	GLDL	
ALBERNI INLET	A4	49	2.70	124	51.11	79	06	21	17	290.0		X		X	GLDL	
ALBERNI INLET	A5	48	59.58	124	53.38	79	06	21	18	325.8		X		X	GLDL	
ALBERNI INLET	A6	48	58.78	124	57.80	79	06	21	19	164.8		X		X	GLDL	

ALBERNI INLET	A7	48	57.02	125	1.30	79	06	21	20	239.4		X		X	GLDL	
ALBERNI INLET	A11	48	57.72	125	4.48	79	06	21	20	159.0		X		X	GLDL	
ALBERNI INLET	A12	48	58.20	125	7.80	79	06	21	21	90.3		X		X	GLDL	
ALBERNI INLET	A13	48	54.15	125	12.95	79	06	21	22	90.3		X		X	GLDL	
ALBERNI INLET	A14	48	50.05	125	15.80	79	06	21	23	106.2		X		X	GLDL	
ALBERNI INLET	A10	48	48.20	125	14.40	79	06	21	23	41.6		X		X	GLDL	
ALBERNI INLET	A9	48	51.50	125	8.10	79	06	22	00	130.0		X		X	GLDL	
ALBERNI INLET	A8	48	53.78	125	3.05	79	06	22	01	175.6		X		X	GLDL	
ALBERNI INLET	A7	48	57.02	125	1.30	79	06	22	01	222.6		X		X	GLDL	
OFF. VAN. IS.	108	48	15.10	125	47.70	79	06	22	09	209.2		X		X	GLDL	
OFF. VAN. IS.	107	48	18.60	125	41.20	79	06	22	10	145.8		X		X	GLDL	
OFF. VAN. IS.	106	48	22.00	125	34.70	79	06	22	10	141.9		X		X	GLDL	
OFF. VAN. IS.	105	48	25.50	125	28.30	79	06	22	11	130.7		X		X	GLDL	
OFF. VAN. IS.	104	48	28.90	125	21.80	79	06	22	12	151.8		X		X	GLDL	
OFF. VAN. IS.	103	48	32.20	125	15.50	79	06	22	13	112.9		X		X	GLDL	
OFF. VAN. IS.	102	48	35.60	125	9.00	79	06	22	13	108.9		X		X	GLDL	
OFF. VAN. IS.	101	48	39.00	125	2.50	79	06	22	14	51.9		X		X	GLDL	

BOTTLE/CTD DATA SET NUMBER: 79-0077
YEAR:1979 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	A0	49	12.16	124	49.02	79	08	22	20	39.5		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	79	08	22	21	100.4		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	79	08	22	23	124.9		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	79	08	22	23	98.1		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	79	08	23	00	247.1		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	79	08	23	01	247.3		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	79	08	23	02	175.8		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	79	08	23	02	192.4		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	79	08	23	08	199.6		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	79	08	23	08	164.0		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	79	08	23	07	122.9		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	79	08	23	06	116.4		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	79	08	23	03	149.7		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	79	08	23	04	83.6		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	79	08	23	05	87.1		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	79	08	23	05	99.0		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 79-0078
YEAR:1979 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
OFF VAN. IS.	1	48	22.5	124	10.0	79	07	05	01	151	170	X		X	GLDL		
OFF VAN. IS.	2	48	10.0	125	58.7	79	07	05	15	247	900	X		X	GLDL		
OFF VAN. IS.	3	48	13.6	125	51.5	79	07	05	16	251	420	X		X	GLDL		
OFF VAN. IS.	4	48	18.5	125	41.6	79	07	05	18	139	155	X		X	GLDL		
OFF VAN. IS.	5	48	25.3	125	27.5	79	07	05	20	110	125	X		X	GLDL		
OFF VAN. IS.	6	48	31.3	125	15.1	79	07	05	21	110	120	X		X	GLDL		
OFF VAN. IS.	7	48	33.1	124	58.6	79	07	05	23	73	78	X		X	GLDL		
OFF VAN. IS.	8	48	37.1	125	02.8	79	07	06	01	48	55	X		X	GLDL		
OFF VAN. IS.	9	48	45.2	125	22.5	79	07	06	14	87	95	X		X	GLDL		
OFF VAN. IS.	10	48	41.9	125	28.3	79	07	06	15	127	140	X		X	GLDL		
OFF VAN. IS.	11	48	38.5	125	34.0	79	07	06	17	61	66	X		X	GLDL		
OFF VAN. IS.	12	48	35.4	125	39.4	79	07	06	18	52	58	X		X	GLDL		
OFF VAN. IS.	13	48	31.9	125	45.5	79	07	06	21	77	84	X		X	GLDL		
OFF VAN. IS.	14	48	28.7	125	51.2	79	07	06	23	108	120	X		X	GLDL		
OFF VAN. IS.	15	48	22.2	126	02.6	79	07	07	00	176	480	X		X	GLDL		
OFF VAN. IS.	16	48	32.5	126	17.0	79	07	07	13	177	658	X		X	GLDL		
OFF VAN. IS.	17	48	38.3	126	05.5	79	07	07	15	113	126	X		X	GLDL		
OFF VAN. IS.	17a	48	40.0	126	02.5	79	07	07	15	97	109	X		X	GLDL		
OFF VAN. IS.	18	48	41.5	125	59.5	79	07	07	16	80	90	X		X	GLDL		
OFF VAN. IS.	18a	48	43.1	125	56.4	79	07	07	17	67	73	X		X	GLDL		

OFF VAN. IS.	19	48 44.7	125 53.5	79 07 07 18	62	66	X		X	GLDL
OFF VAN. IS.	19a	48 46.3	125 50.3	79 07 07 19	57	64	X		X	GLDL
OFF VAN. IS.	20	48 47.8	125 47.5	79 07 07 19	44	53	X		X	GLDL
OFF VAN. IS.	20a	48 49.4	125 44.5	79 07 07 20	40	48	X		X	GLDL
OFF VAN. IS.	21	48 50.9	125 41.6	79 07 07 21	42	48	X		X	GLDL
OFF VAN. IS.	21a	48 52.6	125 38.5	79 07 07 22	32	42	X		X	GLDL
OFF VAN. IS.	22	48 54.1	125 35.5	79 07 07 23	77	93	X		X	GLDL
OFF VAN. IS.	23	48 41.2	125 42.8	79 07 09 17	117	140	X		X	GLDL
OFF VAN. IS.	24	48 40.8	125 45.0	79 07 09 17	113	130	X		X	GLDL
OFF VAN. IS.	25	48 40.1	125 47.5	79 07 09 18	52	60	X		X	GLDL
OFF VAN. IS.	26	48 39.4	122 .50.	79 07 09 18	57	65	X		X	GLDL
OFF VAN. IS.	27	48 38.8	125 53.0	79 07 09 19	65	77	X		X	GLDL
OFF VAN. IS.	28	48 38.2	125 55.6	79 07 09 19	87	93	X		X	GLDL
OFF VAN. IS.	29	48 37.6	125 58.3	79 07 09 20	93	102	X		X	GLDL
OFF VAN. IS.	30	48 37.1	126 00.9	79 07 09 20	104	115	X		X	GLDL
OFF VAN. IS.	31	48 36.4	126 03.5	79 07 09 21	114	125	X		X	GLDL
OFF VAN. IS.	32	48 35.8	126 06.2	79 07 09 21	136	145	X		X	GLDL
OFF VAN. IS.	33	48 35.2	126 08.7	79 07 09 22	176	185	X		X	GLDL
OFF VAN. IS.	34	48 22.8	125 54.8	79 07 11 21	192	373	X		X	GLDL
OFF VAN. IS.	35	48 24.4	125 49.3	79 07 11 22	125	146	X		X	GLDL
OFF VAN. IS.	36	48 25.0	125 46.5	79 07 11 22	117	137	X		X	GLDL
OFF VAN. IS.	37	48 25.8	125 43.8	79 07 11 23	117	133	X		X	GLDL
OFF VAN. IS.	38	48 26.5	125 41.0	79 07 11 23	119	128	X		X	GLDL
OFF VAN. IS.	39	48 27.2	125 38.3	79 07 12 00	88	102	X		X	GLDL
OFF VAN. IS.	40	48 28.6	125 32.8	79 07 12 00	83	88	X		X	GLDL
OFF VAN. IS.	41	48 30.0	125 27.3	79 07 12 01	88	93	X		X	GLDL
OFF VAN. IS.	42	48 31.6	125 22.0	79 07 12 01	123	133	X		X	GLDL
OFF VAN. IS.	43	48 32.3	125 19.0	79 07 12 02	111	115	X		X	GLDL
OFF VAN. IS.	44	48 32.9	125 16.3	79 07 12 02	104	108	X		X	GLDL
OFF VAN. IS.	45	48 33.7	125 13.6	79 07 12 03	119	124	X		X	GLDL
OFF VAN. IS.	46	48 34.3	125 11.0	79 07 12 03	93	101	X		X	GLDL
OFF VAN. IS.	47	48 35.0	125 08.2	79 07 12 04	92	101	X		X	GLDL

BOTTLE/CTD DATA SET NUMBER: 79-0079
YEAR:1979 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	1	48 30.8	126 14.5	79 08 24 15	248	310	X		X	GLDL		
OFF VAN. IS.	2	48 32.2	126 09.2	79 08 24 16	178	190	X		X	GLDL		
OFF VAN. IS.	3	48 33.5	126 03.8	79 08 [illegible] 17	136	146	X		X	GLDL		
OFF VAN. IS.	4	48 34.8	125 58.6	79 08 [illegible] 18	92	105	X		X	GLDL		
OFF VAN. IS.	5	48 36.0	125 53.2	79 08 [illegible] 19	77	85	X		X	GLDL		
OFF VAN. IS.	6	48 37.3	125 47.9	79 08 [illegible] 20	57	66	X		X	GLDL		
OFF VAN. IS.	7	48 38.6	125 42.6	79 08 24 20	52	58	X		X	GLDL		
OFF VAN. IS.	8	48 39.8	125 37.3	79 08 24 21	152	164	X		X	GLDL		
OFF VAN. IS.	9	48 41.1	125 31.9	79 08 24 22	155	168	X		X	GLDL		
OFF VAN. IS.	10	48 42.3	125 26.7	79 08 24 23	83	90	X		X	GLDL		
OFF VAN. IS.	11	48 43.4	125 21.3	79 08 25 00	137	146	X		X	GLDL		
OFF VAN. IS.	12	48 44.7	125 16.1	79 08 25 01	53	51	X		X	GLDL		
OFF VAN. IS.	13	48 39.0	125 02.5	79 08 25 16	47	51	X		X	GLDL		
OFF VAN. IS.	14	48 35.6	125 09.0	79 08 25 16	98	110	X		X	GLDL		
OFF VAN. IS.	15	48 32.2	125 15.5	79 08 25 17	93	113	X		X	GLDL		
OFF VAN. IS.	16	48 28.9	125 21.8	79 08 25 18	147	155	X		X	GLDL		
OFF VAN. IS.	17	48 25.5	125 28.3	79 08 25 20	125	132	X		X	GLDL		
OFF VAN. IS.	18	48 22.0	125 34.7	79 08 25 20	137	146	X		X	GLDL		
OFF VAN. IS.	19	48 18.6	125 41.2	79 08 25 21	140	150	X		X	GLDL		
OFF VAN. IS.	20	48 15.1	125 47.7	79 08 25 22	229	232	X		X	GLDL		
OFF VAN. IS.	21	48 12.9	125 52.0	79 08 26 00	250	490	X		X	GLDL		
OFF VAN. IS.	22	48 10.6	125 56.2	79 08 26 02	251	915	X		X	GLDL		
OFF VAN. IS.	23	48 08.5	126 00.0	79 08 26 03	245	1170	X		X	GLDL		
OFF VAN. IS.	24	48 55.5	125 50.5	79 08 26 16	39	44	X		X	GLDL		
OFF VAN. IS.	25	48 54.6	125 55.5	79 08 26 17	50	53	X		X	GLDL		
OFF VAN. IS.	26	48 54.2	125 58.6	79 08 26 17	55	58	X		X	GLDL		
OFF VAN. IS.	27	48 53.8	126 00.7	79 08 26 18	61	68	X		X	GLDL		
OFF VAN. IS.	28	48 53.2	126 03.2	79 08 26 18	74	77	X		X	GLDL		
OFF VAN. IS.	29	48 52.7	126 05.7	79 08 26 19	85	88	X		X	GLDL		
OFF VAN. IS.	29a	48 52.7	126 05.7	79 08 26 19	77	88	X		X	GLDL		
OFF VAN. IS.	30	48 52.3	126 08.3	79 08 26 19	97	100	X		X	GLDL		
OFF VAN. IS.	31	48 51.9	126 10.9	79 08 26 20	113	117	X		X	GLDL		
OFF VAN. IS.	32	48 51.3	126 13.4	79 08 26 20	128	132	X		X	GLDL		
OFF VAN. IS.	33	48 50.8	126 15.9	79 08 26 21	140	148	X		X	GLDL		
OFF VAN. IS.	34	48 50.3	126 18.5	79 08 26 22	150	163	X		X	GLDL		
OFF VAN. IS.	35	48 49.8	126 21.0	79 08 26 22	175	179	X		X	GLDL		

OFF VAN. IS.	36	48 48.5	126 26.2	79 08 26 23	199	208	X	X GLDL
OFF VAN. IS.	37	48 47.4	126 31.8	79 08 27 01	249	300	X	X GLDL
OFF VAN. IS.	38	48 59.3	126 48.4	79 08 27 13	253	424	X	X GLDL
OFF VAN. IS.	39	49 03.2	126 46.4	79 08 27 14	150	159	X	X GLDL
OFF VAN. IS.	40	49 05.1	126 39.6	79 08 27 15	136	141	X	X GLDL
OFF VAN. IS.	41	49 07.0	126 36.9	79 08 27 16	123	128	X	X GLDL
OFF VAN. IS.	42	49 08.5	126 34.0	79 08 27 17	116	121	X	X GLDL
OFF VAN. IS.	43	49 10.8	126 31.2	79 08 27 17	105	109	X	X GLDL
OFF VAN. IS.	44	49 12.6	126 28.4	79 08 27 18	90	93	X	X GLDL
OFF VAN. IS.	45	49 14.4	126 25.7	79 08 27 18	64	69	X	X GLDL
OFF VAN. IS.	46	49 20.5	126 39.0	79 08 27 20	51	58	X	X GLDL
OFF VAN. IS.	47	49 28.7	126 48.7	79 08 27 21	58	62	X	X GLDL
OFF VAN. IS.	48	49 27.0	126 51.5	79 08 27 22	95	98	X	X GLDL
OFF VAN. IS.	49	49 25.2	126 54.2	79 08 27 23	112	118	X	X GLDL
OFF VAN. IS.	50	49 23.4	126 57.1	79 08 27 23	133	139	X	X GLDL
OFF VAN. IS.	51	49 21.6	127 00.0	79 08 28 00	131	137	X	X GLDL
OFF VAN. IS.	52	49 19.7	127 02.9	79 08 28 01	144	152	X	X GLDL
OFF VAN. IS.	53	49 17.8	127 05.8	79 08 28 01	174	182	X	X GLDL
OFF VAN. IS.	54	49 14.0	127 11.7	79 08 28 02	249	1200	X	X GLDL
OFF VAN. IS.	55	48 55.5	125 50.5	79 08 29 18	42	44	X	X GLDL
OFF VAN. IS.	56	48 55.0	125 53.0	79 08 29 18	45	50	X	X GLDL
OFF VAN. IS.	57	48 54.6	125 55.5	79 08 29 19	50	54	X	X GLDL
OFF VAN. IS.	58	48 54.3	125 58.4	79 08 29 19	56	58	X	X GLDL
OFF VAN. IS.	59	48 53.9	126 00.7	79 08 29 20	62	69	X	X GLDL
OFF VAN. IS.	60	48 53.2	126 03.2	79 08 29 20	75	80	X	X GLDL
OFF VAN. IS.	61	48 52.7	126 05.7	79 08 29 21	82	88	X	X GLDL
OFF VAN. IS.	62	48 52.3	126 08.3	79 08 29 21	96	101	X	X GLDL
OFF VAN. IS.	63	48 51.9	126 10.9	79 08 29 22	107	117	X	X GLDL
OFF VAN. IS.	64	48 51.3	126 13.4	79 08 29 22	121	130	X	X GLDL
OFF VAN. IS.	65	48 50.8	126 15.9	79 08 29 23	142	146	X	X GLDL
OFF VAN. IS.	66	48 50.3	126 18.5	79 08 30 00	158	163	X	X GLDL
OFF VAN. IS.	67	48 49.8	126 21.0	79 08 30 00	171	179	X	X GLDL
OFF VAN. IS.	68	48 48.5	126 26.2	79 08 30 01	202	208	X	X GLDL
OFF VAN. IS.	69	48 35.9	125 00.0	79 08 30 12	55	58	X	X GLDL
OFF VAN. IS.	A0	49 12.2	124 49.0	79 08 22 20	41	58	X	X GLDL
OFF VAN. IS.	A1	49 09.9	124 48.6	79 08 22 21	102	110	X	X GLDL
OFF VAN. IS.	A2	49 07.2	124 48.8	79 08 22 23	127	140	X	X GLDL
OFF VAN. IS.	A3	49 05.5	124 49.5	79 08 22 23	100	110	X	X GLDL
OFF VAN. IS.	A4	49 02.7	124 51.1	79 08 23 00	250	290	X	X GLDL
OFF VAN. IS.	A5	48 59.6	124 53.4	79 08 23 01	250	310	X	X GLDL
OFF VAN. IS.	A6	48 58.8	124 57.8	79 08 23 02	178	190	X	X GLDL
OFF VAN. IS.	A7	48 57.0	125 01.3	79 08 23 02	195	240	X	X GLDL
OFF VAN. IS.	A7a	48 57.0	125 01.3	79 08 23 08	202	240	X	X GLDL
OFF VAN. IS.	A8	48 53.8	125 03.1	79 08 23 08	166	180	X	X GLDL
OFF VAN. IS.	A9	48 51.5	125 08.1	79 08 23 07	125	133	X	X GLDL
OFF VAN. IS.	A10	48 48.2	125 14.4	79 08 23 06	36	45	X	X GLDL
OFF VAN. IS.	A11	48 57.6	125 04.0	79 08 23 03	152	170	X	X GLDL
OFF VAN. IS.	A12	48 58.2	125 07.8	79 08 23 04	85	95	X	X GLDL
OFF VAN. IS.	A13	48 54.2	125 13.0	79 08 23 05	89	104	X	X GLDL
OFF VAN. IS.	A14	48 50.1	125 15.8	79 08 23 05	101	109	X	X GLDL
OFF VAN. IS.	A	48 54.3	125 58.4	79 08 28 15	55	58	X	X GLDL
OFF VAN. IS.	B	48 54.3	125 58.4	79 08 28 15	56	58	X	X GLDL
OFF VAN. IS.	C	48 54.3	125 58.4	79 08 28 17	55	58	X	X GLDL
OFF VAN. IS.	D	48 54.3	125 58.4	79 08 28 17	54	58	X	X GLDL
OFF VAN. IS.	E	48 54.3	125 58.4	79 08 28 18	55	58	X	X GLDL
OFF VAN. IS.	F	48 54.3	125 58.4	79 08 28 19	54	58	X	X GLDL
OFF VAN. IS.	G	48 58.4	125 58.4	79 08 28 21	54	58	X	X GLDL
OFF VAN. IS.	H	48 54.3	125 58.4	79 08 28 21	55	58	X	X GLDL
OFF VAN. IS.	I	48 54.3	125 58.4	79 08 28 22	55	58	X	X GLDL
OFF VAN. IS.	J	48 54.3	125 58.4	79 08 29 00	56	58	X	X GLDL
OFF VAN. IS.	K	48 54.3	125 58.4	79 08 29 01	54	58	X	X GLDL
OFF VAN. IS.	L	48 53.4	125 58.4	79 08 29 01	56	58	X	X GLDL
OFF VAN. IS.	M	48 54.3	125 58.4	79 08 29 02	55	58	X	X GLDL
OFF VAN. IS.	N	48 54.3	125 58.4	79 08 29 03	56	58	X	X GLDL
OFF VAN. IS.	O	48 54.3	125 58.4	79 08 29 04	55	58	X	X GLDL
OFF VAN. IS.	P	48 54.3	125 58.4	79 08 29 05	55	58	X	X GLDL
OFF VAN. IS.	Q	48 54.3	125 58.4	79 08 29 06	55	58	X	X GLDL
OFF VAN. IS.	R	48 54.3	125 58.4	79 08 29 07	52	58	X	X GLDL
OFF VAN. IS.	S	48 54.3	125 58.4	79 08 29 08	56	58	X	X GLDL
OFF VAN. IS.	T	48 54.3	125 58.4	79 08 29 09	54	57	X	X GLDL
OFF VAN. IS.	U	48 54.3	125 58.4	79 08 29 10	56	58	X	X GLDL
OFF VAN. IS.	V	48 54.3	125 58.4	79 08 29 11	55	58	X	X GLDL
OFF VAN. IS.	W	48 54.3	125 58.4	79 08 [illegible]2	55	58	X	X GLDL
OFF VAN. IS.	X	48 54.3	125 58.4	79 08 29 13	56	58	X	X GLDL
OFF VAN. IS.	Y	48 54.3	125 58.4	79 08 29 14	55	58	X	X GLDL
OFF VAN. IS.	Z	48 54.3	125 58.4	79 08 29 15	55	58	X	X GLDL
OFF VAN. IS.	AA	48 54.3	125 58.4	79 08 29 16	56	58	X	X GLDL

BOTTLE/CTD DATA SET NUMBER: 79-0080
YEAR:1979 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
RUPERT INLET	0			79 03 04 22	61	66	X		X	BOTT		
RUPERT INLET	.1	50 35.5	127 29.6	79 03 04 21	55	57	X		X	BOTT		
RUPERT INLET	1			79 03 04 23	67	71	X		X	BOTT		
RUPERT INLET	4	50 35.7	127 30.1	79 03 03 04	73	75	X		X	BOTT		4
RUPERT INLET	11			79 03 03 21	89	91	X		X	BOTT		5
RUPERT INLET	30.5	50 34.5	127 32.9	79 03 01 17	135	144	X		X	BOTT		17

BOTTLE/CTD DATA SET NUMBER: 79-0081A
YEAR:1979 VESSEL/AGENCY: RIVTOW VIKING

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	1.05	48 33.0	124 48.5	79 04 29 18	3		X		X			
OFF VAN. IS.	1.06	48 35.6	124 58.7	79 04 29 19	3		X		X			
OFF VAN. IS.	1.07	48 37.0	125 05.0	79 04 29 20	3		X		X			
OFF VAN. IS.	1.08	48 38.6	125 10.6	79 04 29 20	3		X		X			
OFF VAN. IS.	1.09	48 41.2	125 17.4	79 04 29 21	3		X		X			
OFF VAN. IS.	1.10	48 45.0	125 25.6	79 04 29 23	3		X		X			
OFF VAN. IS.	1.11	49 03.0	126 18.0	79 04 30 04	3		X		X			
OFF VAN. IS.	1.12	49 07.0	126 27.0	79 04 30 05	3		X		X			
OFF VAN. IS.	1.13	49 09.4	126 31.5	79 04 30 06	3		X		X			
OFF VAN. IS.	1.14	49 49.2	127 00.0	79 05 01 18	3		X		X			
OFF VAN. IS.	1.15	49 32.5	126 57.0	79 05 01 19	3		X		X			
OFF VAN. IS.	1.16	49 22.6	126 50.0	79 05 01 21	3		X		X			
OFF VAN. IS.	1.17	49 15.6	126 45.0	79 05 01 22	3		X		X			
OFF VAN. IS.	1.18	49 11.3	126 35.0	79 05 01 23	3		X		X			
OFF VAN. IS.	1.19	49 06.8	126 24.6	79 05 01 24	3		X		X			
OFF VAN. IS.	1.20	49 02.3	126 15.1	79 05 02 01	3		X		X			
OFF VAN. IS.	1.21	48 59.3	126 09.0	79 05 02 02	3		X		X			
OFF VAN. IS.	1.22	48 57.0	126 04.7	79 05 02 02	3		X		X			
OFF VAN. IS.	1.23	48 55.2	125 58.9	79 05 02 03	3		X		X			
OFF VAN. IS.	1.24	48 50.8	125 48.1	79 05 02 03	3		X		X			
OFF VAN. IS.	1.25	48 49.6	125 45.0	79 05 02 04	3		X		X			
OFF VAN. IS.	1.26	48 47.2	125 39.2	79 05 02 05	3		X		X			
OFF VAN. IS.	1.27	48 44.9	125 32.2	79 05 02 05	3		X		X			
OFF VAN. IS.	1.28	48 43.1	125 27.4	79 05 02 06	3		X		X			
OFF VAN. IS.	1.29	48 41.2	125 21.7	79 05 02 06	3		X		X			
OFF VAN. IS.	1.30	48 40.0	125 17.1	79 05 02 07	3		X		X			
OFF VAN. IS.	1.31	48 38.6	125 10.0	79 05 02 07	3		X		X			
OFF VAN. IS.	1.32	48 36.6	125 05.0	79 05 02 08	3		X		X			
OFF VAN. IS.	1.33	48 34.5	125 00.0	79 05 02 08	3		X		X			
OFF VAN. IS.	1.34	48 32.7	124 55.0	79 05 02 09	3		X		X			
OFF VAN. IS.	1.35	48 30.7	124 49.9	79 05 02 09	3		X		X			

BOTTLE/CTD DATA SET NUMBER: 79-0081B
YEAR:1979 VESSEL/AGENCY: RIVTOW VIKING

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	2.05	48 33.8	124 53.7	79 05 26 09	3		X		X			
OFF VAN. IS.	2.06	48 37.8	125 09.0	79 05 26 10	3		X		X			
OFF VAN. IS.	2.07	48 40.0	125 20.0	79 05 26 11	3		X		X			
OFF VAN. IS.	2.08	48 43.4	125 31.0	79 05 26 12	3		X		X			

OFF VAN. IS.	2.09	48 52.0	125 56.0	79 05 26 15	3		X		X			
OFF VAN. IS.	2.10	49 00.0	126 11.1	79 05 26 17	3		X		X			
OFF VAN. IS.	2.11	49 04.8	126 19.5	79 05 26 18	3		X		X			
OFF VAN. IS.	2.12	49 12.3	126 32.0	79 05 26 19	3		X		X			
OFF VAN. IS.	2.13	49 33.2	126 36.2	79 05 27 20	3		X		X			
OFF VAN. IS.	2.14	49 22.7	126 40.0	79 05 27 22	3		X		X			
OFF VAN. IS.	2.15	49 16.0	126 38.5	79 05 27 23	3		X		X			
OFF VAN. IS.	2.16	49 13.7	126 33.1	79 05 27 23	3		X		X			
OFF VAN. IS.	2.17	49 12.1	126 29.5	79 05 28 00	3		X		X			
OFF VAN. IS.	2.18	49 10.5	126 26.8	79 05 28 00	3		X		X			
OFF VAN. IS.	2.19	49 08.0	126 22.0	79 05 28 01	3		X		X			
OFF VAN. IS.	2.20	49 05.3	126 17.0	79 05 28 01	3		X		X			
OFF VAN. IS.	2.21	49 03.0	126 12.1	79 05 28 02	3		X		X			
OFF VAN. IS.	2.22	49 00.2	126 08.1	79 05 28 02	3		X		X			
OFF VAN. IS.	2.23	48 58.0	126 02.1	79 05 28 03	3		X		X			
OFF VAN. IS.	2.24	48 56.0	125 58.0	79 05 28 03	3		X		X			
OFF VAN. IS.	2.25	48 53.6	125 53.0	79 05 28 04	3		X		X			
OFF VAN. IS.	2.26	48 51.5	125 48.8	79 05 28 04	3		X		X			
OFF VAN. IS.	2.27	48 49.0	125 42.9	79 05 28 05	3		X		X			
OFF VAN. IS.	2.28	48 48.0	125 38.5	79 05 28 05	3		X		X			
OFF VAN. IS.	2.29	48 46.1	125 33.5	79 05 28 06	3		X		X			
OFF VAN. IS.	2.30	48 45.0	125 28.9	79 05 28 06	3		X		X			
OFF VAN. IS.	2.31	48 43.5	125 23.9	79 05 28 07	3		X		X			
OFF VAN. IS.	2.32	48 42.0	125 19.0	79 05 28 07	3		X		X			
OFF VAN. IS.	2.33	48 39.4	125 11.0	79 05 28 08	3		X		X			
OFF VAN. IS.	2.34	48 36.0	125 02.5	79 05 28 09	3		X		X			
OFF VAN. IS.	2.35	48 34.6	124 58.5	79 05 28 09	3		X		X			
OFF VAN. IS.	2.36	48 32.6	124 54.0	79 05 28 10	3		X		X			
OFF VAN. IS.	2.37	48 31.0	124 50.0	79 05 28 10	3		X		X			
OFF VAN. IS.	2.38	48 29.5	124 45.0	79 05 28 11	3		X		X			

BOTTLE/CTD DATA SET NUMBER: 79-0081C
YEAR:1979 VESSEL/AGENCY: RIVTOW VIKING

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	3.12	48 34.0	124 55.3	79 07 09 22	3		X		X			
OFF VAN. IS.	3.13	49 05.0	126 13.0	79 07 10 06	3		X		X			
OFF VAN. IS.	3.14	49 26.5	126 41.0	79 07 10 11	3		X		X			
OFF VAN. IS.	3.15	49 45.0	127 05.0	79 07 11 18	3		X		X			
OFF VAN. IS.	3.16	49 37.0	127 00.0	79 07 11 19	3		X		X			
OFF VAN. IS.	3.17	49 31.0	126 56.0	79 07 11 20	3		X		X			
OFF VAN. IS.	3.18	49 22.6	126 50.0	79 07 11 21	3		X		X			
OFF VAN. IS.	3.19	49 18.0	126 41.9	79 07 11 22	3		X		X			
OFF VAN. IS.	3.20	49 13.1	126 33.8	79 07 11 23	3		X		X			
OFF VAN. IS.	3.21	49 07.5	126 22.0	79 07 12 01	3		X		X			
OFF VAN. IS.	3.22	48 59.9	126 06.9	79 07 12 03	3		X		X			
OFF VAN. IS.	3.23	48 51.8	125 51.5	79 07 12 05	3		X		X			
OFF VAN. IS.	3.24	48 47.0	125 42.8	79 07 12 06	3		X		X			
OFF VAN. IS.	3.25	48 43.0	125 31.0	79 07 12 07	3		X		X			
OFF VAN. IS.	3.26	48 40.6	125 21.2	79 07 12 08	3		X		X			
OFF VAN. IS.	3.27	48 35.6	125 10.6	79 07 12 09	3		X		X			
OFF VAN. IS.	3.28	48 32.5	124 59.0	79 07 12 10	3		X		X			
OFF VAN. IS.	3.29	48 30.0	124 48.1	79 07 12 11	3		X		X			

BOTTLE/CTD DATA SET NUMBER: 79-0081D
YEAR:1979 VESSEL/AGENCY: RIVTOW VIKING

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	4.08	48 33.0	124 52.1	79 08 11 15	3		X		X			
OFF VAN. IS.	4.09	48 36.0	125 02.8	79 08 11 16	3		X		X			
OFF VAN. IS.	4.10	48 38.9	125 15.7	79 08 11 17	3		X		X			
OFF VAN. IS.	4.11	48 42.8	125 30.0	79 08 11 18	3		X		X			
OFF VAN. IS.	4.12	48 47.5	125 43.9	79 08 11 19	3		X		X			

OFF VAN. IS.	4.13	48 53.0	125 55.0	79 08 11 20	3		X		X			
OFF VAN. IS.	4.14	48 58.0	126 05.5	79 08 11 21	3		X		X			
OFF VAN. IS.	4.15	49 04.3	126 14.8	79 08 11 22	3		X		X			
OFF VAN. IS.	4.16	49 08.9	126 24.8	79 08 11 23	3		X		X			
OFF VAN. IS.	4.17	49 14.7	126 35.8	79 08 11 24	3		X		X			
OFF VAN. IS.	4.18	49 29.5	126 38.8	79 08 12 02	3		X		X			
OFF VAN. IS.	4.19	49 04.0	126 05.0	79 08 13 11	3		X		X			
OFF VAN. IS.	4.20	48 51.9	125 56.0	79 08 13 12	3		X		X			
OFF VAN. IS.	4.21	48 45.4	125 43.2	79 08 13 13	3		X		X			
OFF VAN. IS.	4.22	48 42.0	125 32.6	79 08 13 14	3		X		X			
OFF VAN. IS.	4.23	48 48.9	125 20.5	79 08 13 15	3		X		X			
OFF VAN. IS.	4.24	48 46.7	125 09.1	79 08 13 16	3		X		X			
OFF VAN. IS.	4.25	48 43.8	124 58.0	79 08 13 17	3		X		X			
OFF VAN. IS.	4.26	48 31.8	124 48.1	79 08 14 13	3		X		X			
OFF VAN. IS.	4.27	48 34.9	125 00.8	79 08 14 14	3		X		X			
OFF VAN. IS.	4.28	48 37.5	125 11.0	79 08 14 15	3		X		X			
OFF VAN. IS.	4.29	48 40.0	125 22.0	79 08 14 16	3		X		X			
OFF VAN. IS.	4.30	48 45.2	125 38.5	79 08 14 17	3		X		X			
OFF VAN. IS.	4.31	48 49.0	125 48.0	79 08 14 18	3		X		X			
OFF VAN. IS.	4.32	48 53.8	125 56.5	79 08 14 19	3		X		X			
OFF VAN. IS.	4.33	49 12.9	126 35.5	79 08 16 13	3		X		X			
OFF VAN. IS.	4.34	49 07.8	126 25.8	79 08 16 14	3		X		X			
OFF VAN. IS.	4.35	49 04.1	126 18.0	79 08 16 15	3		X		X			
OFF VAN. IS.	4.36	48 58.9	126 09.7	79 08 16 16	3		X		X			
OFF VAN. IS.	4.37	48 54.9	126 02.8	79 08 16 17	3		X		X			
OFF VAN. IS.	4.38	48 46.8	125 50.0	79 08 16 18	3		X		X			
OFF VAN. IS.	4.39	48 42.0	125 39.4	79 08 16 19	3		X		X			
OFF VAN. IS.	4.40	48 41.0	125 33.0	79 08 16 20	3		X		X			
OFF VAN. IS.	4.41	48 39.0	125 26.8	79 08 16 21	3		X		X			
OFF VAN. IS.	4.42	48 38.0	125 21.0	79 08 16 22	3		X		X			
OFF VAN. IS.	4.43	48 35.8	125 09.5	79 08 16 23	3		X		X			
OFF VAN. IS.	4.44	48 31.7	124 45.8	79 08 17 00	3		X		X			

BOTTLE/CTD DATA SET NUMBER: 79-0081E
YEAR:1979 VESSEL/AGENCY: RIVTOW VIKING

AREA	STN	LAT	LON	DATE	CAST	WATER	PARAM			INSTR	INT	NO
		DEG MIN	DEG MIN	YR MO DY HR	TO	DEPTH	MEAS				HR	
					(M)	(M)	C	S	T			
OFF VAN. IS.	5.10	48 42.2	125 16.0	79 09 09 00	3		X		X			
OFF VAN. IS.	5.11	49 00.5	126 09.0	79 09 09 05	3		X		X			
OFF VAN. IS.	5.12	49 33.7	126 37.0	79 09 09 11	3		X		X			
OFF VAN. IS.	5.13	49 28.2	126 44.5	79 09 10 13	3		X		X			
OFF VAN. IS.	5.14	49 23.8	126 42.0	79 09 10 14	3		X		X			
OFF VAN. IS.	5.15	49 18.5	126 34.9	79 09 10 15	3		X		X			
OFF VAN. IS.	5.16	49 13.2	126 26.0	79 09 10 16	3		X		X			
OFF VAN. IS.	5.17	49 05.5	126 14.0	79 09 10 17	3		X		X			
OFF VAN. IS.	5.18	48 58.5	126 02.1	79 09 10 18	3		X		X			
OFF VAN. IS.	5.19	48 54.4	125 51.2	79 09 10 19	3		X		X			
OFF VAN. IS.	5.20	48 50.0	125 42.0	79 09 10 20	3		X		X			
OFF VAN. IS.	5.21	48 46.2	125 33.2	79 09 10 21	3		X		X			
OFF VAN. IS.	5.22	48 40.2	125 22.5	79 09 10 22	3		X		X			
OFF VAN. IS.	5.23	48 36.2	125 14.0	79 09 10 23	3		X		X			
OFF VAN. IS.	5.24	48 29.8	124 55.0	79 09 11 02	3		X		X			
OFF VAN. IS.	5.25	48 27.0	124 44.0	79 09 11 03	3		X		X			

BOTTLE/CTD DATA SET NUMBER: 79-0081F
YEAR:1979 VESSEL/AGENCY: RIVTOW VIKING

AREA	STN	LAT	LON	DATE	CAST	WATER	PARAM			INSTR	INT	NO
		DEG MIN	DEG MIN	YR MO DY HR	TO	DEPTH	MEAS				HR	
					(M)	(M)	C	S	T			
OFF VAN. IS.	6.10	48 31.6	124 45.0	79 10 23 05	3		X		X			
OFF VAN. IS.	6.11	48 35.2	124 58.7	79 10 23 06	3		X		X			
OFF VAN. IS.	6.12	48 40.5	125 13.7	79 10 23 08	3		X		X			
OFF VAN. IS.	6.13	48 55.6	125 57.5	79 10 23 12	3		X		X			
OFF VAN. IS.	6.14	49 02.5	126 11.0	79 10 23 13	3		X		X			

OFF VAN. IS.	6.15	49 29.0	126 40.5	79 10 23 19	3	X	X
OFF VAN. IS.	6.16	49 40.3	127 16.2	79 10 24 13	3	X	X
OFF VAN. IS.	6.17	49 27.0	126 39.0	79 10 29 15	3	X	X
OFF VAN. IS.	6.18	49 18.2	126 34.2	79 10 29 16	3	X	X
OFF VAN. IS.	6.19	49 13.6	126 27.0	79 10 29 17	3	X	X
OFF VAN. IS.	6.20	49 10.0	126 21.2	79 10 29 18	3	X	X
OFF VAN. IS.	6.21	49 04.0	126 11.1	79 10 29 19	3	X	X
OFF VAN. IS.	6.22	48 58.8	126 02.0	79 10 29 20	3	X	X
OFF VAN. IS.	6.23	48 54.3	125 55.0	79 10 29 21	3	X	X
OFF VAN. IS.	6.24	48 49.0	125 46.1	79 10 29 22	3	X	X
OFF VAN. IS.	6.25	48 46.0	125 38.0	79 10 29 23	3	X	X
OFF VAN. IS.	6.26	48 43.5	125 28.6	79 10 29 24	3	X	X
OFF VAN. IS.	6.27	48 41.4	125 18.6	79 10 30 01	3	X	X
OFF VAN. IS.	6.28	48 38.0	125 09.8	79 10 30 02	3	X	X
OFF VAN. IS.	6.29	48 34.0	125 01.0	79 10 30 03	3	X	X
OFF VAN. IS.	6.30	48 31.0	124 51.0	79 10 30 04	3	X	X

BOTTLE/CTD DATA SET NUMBER: 80-0056
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	03	48	32.0	125	15.0	80	01	16	03			X		X	GLDL		
B.C. OFFSHORE	05	48	25.0	125	28.0	80	01	16	05			X		X	GLDL		
B.C. OFFSHORE	07	48	18.0	125	41.0	80	01	16	07			X		X	GLDL		
B.C. OFFSHORE	09	48	12.0	125	52.0	80	01	16	09			X		X	GLDL		
B.C. OFFSHORE	11	48	8.0	126	0.0	80	01	16	11			X		X	GLDL		
B.C. OFFSHORE	C09	48	2.0	126	20.0	80	01	16	14			X		X	GLDL		
B.C. OFFSHORE	C10	48	6.0	126	29.0	80	01	16	16			X		X	GLDL		
B.C. OFFSHORE	C11	48	11.0	126	39.0	80	01	16	18			X		X	GLDL		
B.C. OFFSHORE	C12	48	16.0	126	49.0	80	01	16	20			X		X	GLDL		
B.C. OFFSHORE	C13	48	20.0	127	0.0	80	01	16	23			X		X	GLDL		
B.C. OFFSHORE	C14	48	25.0	127	9.0	80	01	17	00			X		X	GLDL		
B.C. OFFSHORE	C15	48	30.0	127	20.0	80	01	17	02			X		X	GLDL		
B.C. OFFSHORE	C16	48	34.0	127	30.0	80	01	17	04			X		X	GLDL		
B.C. OFFSHORE	C17	48	39.0	127	40.0	80	01	17	06			X		X	GLDL		
B.C. OFFSHORE	C18	48	42.0	127	46.0	80	01	17	08			X		X	GLDL		
B.C. OFFSHORE	C19	48	48.0	127	37.0	80	01	17	11			X		X	GLDL		
B.C. OFFSHORE	C20	48	53.0	127	29.0	80	01	17	13			X		X	GLDL		
B.C. OFFSHORE	C21	48	59.0	127	19.0	80	01	17	15			X		X	GLDL		
B.C. OFFSHORE	C22	49	4.0	127	11.0	80	01	17	18			X		X	GLDL		
B.C. OFFSHORE	C23	49	10.0	127	2.0	80	01	17	20			X		X	GLDL		
B.C. OFFSHORE	C25	49	21.0	126	44.0	80	01	17	23			X		X	GLDL		
B.C. OFFSHORE	24A	49	18.0	126	48.0	80	01	18	00			X		X	GLDL		
B.C. OFFSHORE	C24	49	15.0	126	53.0	80	01	18	01			X		X	GLDL		
B.C. OFFSHORE	23A	49	12.0	126	57.0	80	01	18	01			X		X	GLDL		
B.C. OFFSHORE	C23	49	10.0	127	2.0	80	01	18	03			X		X	GLDL		
B.C. OFFSHORE	C22	49	4.0	127	11.0	80	01	18	04			X		X	GLDL		
B.C. OFFSHORE	C21	48	59.0	127	19.0	80	01	18	07			X		X	GLDL		
B.C. OFFSHORE	C20	48	53.0	127	29.0	80	01	18	09			X		X	GLDL		
B.C. OFFSHORE	C19	48	48.0	127	37.0	80	01	18	10			X		X	GLDL		
B.C. OFFSHORE	C18	48	42.0	127	46.0	80	01	18	12			X		X	GLDL		
B.C. OFFSHORE	C19	48	48.0	127	37.0	80	01	18	13			X		X	GLDL		
B.C. OFFSHORE	C19	48	48.0	127	37.0	80	01	18	15			X		X	GLDL		
B.C. OFFSHORE	C25	49	21.0	126	44.0	80	01	23	18			X		X	GLDL		
B.C. OFFSHORE	C26	49	30.0	126	51.0	80	01	23	19			X		X	GLDL		
B.C. OFFSHORE	C27	49	36.0	127	1.0	80	01	23	20			X		X	GLDL		
B.C. OFFSHORE	C28	49	40.0	127	11.0	80	01	23	21			X		X	GLDL		
B.C. OFFSHORE	C29	49	46.0	127	20.0	80	01	23	22			X		X	GLDL		
B.C. OFFSHORE	29A	49	42.0	127	24.0	80	01	23	23			X		X	GLDL		
B.C. OFFSHORE	C30	49	40.0	127	29.0	80	01	23	23			X		X	GLDL		
B.C. OFFSHORE	C31	49	34.0	127	38.0	80	01	24	01			X		X	GLDL		
B.C. OFFSHORE	C32	49	29.0	127	46.0	80	01	24	02			X		X	GLDL		
B.C. OFFSHORE	C33	49	23.0	127	55.0	80	01	24	03			X		X	GLDL		
B.C. OFFSHORE	C34	49	18.0	128	4.0	80	01	24	06			X		X	GLDL		
B.C. OFFSHORE	C35	49	12.0	128	12.0	80	01	24	07			X		X	GLDL		
B.C. OFFSHORE	C36	49	6.0	128	21.0	80	01	24	09			X		X	GLDL		
B.C. OFFSHORE	C37	49	12.0	128	29.0	80	01	24	12			X		X	GLDL		
B.C. OFFSHORE	C38	49	18.0	128	36.0	80	01	24	14			X		X	GLDL		
B.C. OFFSHORE	C39	49	25.0	128	44.0	80	01	24	16			X		X	GLDL		
B.C. OFFSHORE	C40	49	31.0	128	52.0	80	01	24	18			X		X	GLDL		
B.C. OFFSHORE	C41	49	36.0	128	44.0	80	01	24	22			X		X	GLDL		
B.C. OFFSHORE	C42	49	42.0	128	36.0	80	01	25	00			X		X	GLDL		
B.C. OFFSHORE	C43	49	47.0	128	28.0	80	01	25	03			X		X	GLDL		
B.C. OFFSHORE	C44	49	51.0	128	20.0	80	01	25	05			X		X	GLDL		
B.C. OFFSHORE	C45	49	57.0	128	12.0	80	01	25	09			X		X	GLDL		
B.C. OFFSHORE	C46	50	1.0	128	5.0	80	01	25	11			X		X	GLDL		
B.C. OFFSHORE	46A	50	3.0	128	0.0	80	01	25	11			X		X	GLDL		
B.C. OFFSHORE	C47	50	6.0	127	58.0	80	01	25	12			X		X	GLDL		
B.C. OFFSHORE	F01	48	30.0	124	46.0	80	01	27	03			X		X	GLDL		
B.C. OFFSHORE	F01	48	30.0	124	46.0	80	01	27	03			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0057
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
OFF. VAN. IS.	101	48	39.00	125	2.50	80	02	08	02	40.8		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	80	02	08	03	103.3		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	80	02	08	04	105.2		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	80	02	08	05	142.1		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	80	02	08	06	125.1		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	80	02	08	07	121.1		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	02	08	08	110.3		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	80	02	08	08	142.1		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	80	02	08	09	144.1		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	80	02	08	10	498.0		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	80	02	08	11	499.7		X		X	GLDL		
OFF. VAN. IS.	111	48	8.50	126	.00	80	02	08	13	496.0		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	19.20	126	2.50	80	02	08	14	502.0		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	23.80	125	57.40	80	02	08	15	408.7		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	28.00	125	51.50	80	02	08	16	116.3		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	32.20	125	45.70	80	02	08	18	81.5		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	36.40	125	40.10	80	02	08	18	59.4		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	40.40	125	34.50	80	02	08	19	178.8		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	44.40	125	29.10	80	02	08	20	115.2		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	48.20	125	23.70	80	02	08	20	93.2		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	02	08	23	214.7		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	80	02	08	23	157.9		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	80	02	09	00	88.4		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	80	02	09	01	41.7		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	02	09	01	91.2		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	80	02	09	02	98.6		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	02	09	03	93.5		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	80	02	09	03	85.2		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	02	09	04	224.6		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	02	09	05	160.8		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	80	02	09	05	312.1		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	80	02	09	07	287.9		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	02	09	08	127.1		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	02	09	09	107.2		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	80	02	09	10	54.8		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	02	11	03	182.0		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	10.00	127	2.00	80	02	11	08	373.8		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	2.30	126	20.00	80	02	11	12	147.6		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	6.50	126	29.50	80	02	11	13	207.3		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	11.00	126	39.50	80	02	11	15	177.0		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	16.00	126	49.50	80	02	11	16	206.3		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	20.50	127	.00	80	02	11	17	155.5		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	25.00	127	9.50	80	02	11	19	198.4		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	30.00	127	20.00	80	02	11	21	198.5		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	34.50	127	30.00	80	02	11	22	205.7		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	39.50	127	40.00	80	02	11	23	185.0		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	42.00	127	46.00	80	02	12	00	185.8		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	48.00	127	37.50	80	02	12	02	209.6		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	53.50	127	29.00	80	02	12	03	188.8		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	59.00	127	19.50	80	02	12	05	195.8		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	4.50	127	11.00	80	02	12	07	020.9		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	15.50	126	53.00	80	02	12	09	144.9		X		X	GLDL		
OFF. VAN. IS.	W.C.	48	51.50	127	17.00	80	02	12	11	189.7		X		X	GLDL		
OFF. VAN. IS.	W.C.	49	21.50	126	44.50	80	02	12	12	85.4		X		X	GLDL		
W.VAN.IS.COAST	MUC 5	49	39.00	126	28.50	80	02	12	12	247.3		X		X	GLDL		
W.VAN.IS.COAST	MUC 4	49	38.50	126	20.70	80	02	12	13	283.0		X		X	GLDL		
W.VAN.IS.COAST	MUC 3	49	39.00	126	14.50	80	02	12	14	173.0		X		X	GLDL		
W.VAN.IS.COAST	MUC 2	49	40.20	126	9.50	80	02	12	15	344.5		X		X	GLDL		
W.VAN.IS.COAST	MUC 1	49	37.50	126	3.60	80	02	12	16	127.0		X		X	GLDL		
W.VAN.IS.COAST	MUC 6	49	35.80	126	35.70	80	02	12	19	107.2		X		X	GLDL		
W.VAN.IS.COAST	TAH 6	49	39.10	126	35.80	80	02	12	20	147.0		X		X	GLDL		
W.VAN.IS.COAST	TLU 1	49	41.60	126	30.90	80	02	12	21	252.3		X		X	GLDL		
W.VAN.IS.COAST	TAH 5	49	42.20	126	36.00	80	02	12	22	74.5		X		X	GLDL		
W.VAN.IS.COAST	TAH 4	49	44.70	126	37.60	80	02	12	22	83.3		X		X	GLDL		
W.VAN.IS.COAST	TAH 3	49	47.90	126	39.10	80	02	12	22	118.1		X		X	GLDL		
W.VAN.IS.COAST	TAH 2	49	51.40	126	39.70	80	02	12	23	187.0		X		X	GLDL		
W.VAN.IS.COAST	TAH 1	49	54.00	126	39.30	80	02	13	00	131.2		X		X	GLDL		
W.VAN.IS.COAST	HEC 1	49	52.10	126	45.10	80	02	13	01	242.4		X		X	GLDL		
W.VAN.IS.COAST	ZEB 2	49	55.50	126	47.90	80	02	13	02	202.9		X		X	GLDL		
W.VAN.IS.COAST	ZEB 1	49	58.00	126	51.00	80	02	13	03	100.4		X		X	GLDL		
W.VAN.IS.COAST	ZEB 3	49	52.30	126	50.30	80	02	13	04	234.4		X		X	GLDL		

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W.VAN.IS.COAST ZEN 4  49 51.30 126 55.60  80 02 13 05 202.0      X     X GLDL
W.VAN.IS.COAST ZEN 5  49 48.90 127   .80  80 02 13 06 187.7      X     X GLDL
OFF. VAN. IS.  W.C.   48 50.00 127  5.00  80 02 13 12 864.9      X     X GLDL
OFF. VAN. IS.  W.C.   48 48.50 126 52.50  80 02 13 14 309.5      X     X GLDL
OFF. VAN. IS.  W.C.   48 46.50 126 40.00  80 02 13 15 869.9      X     X GLDL
OFF. VAN. IS.  W.C.   48 45.50 126 27.50  80 02 13 16 467.0      X     X GLDL
OFF. VAN. IS.  W.C.   48 43.50 126 16.00  80 02 13 17 391.2      X     X GLDL
OFF. VAN. IS.  W.C.   48 41.50 126  2.50  80 02 13 18 112.3      X     X GLDL
OFF. VAN. IS.  W.C.   48 40.00 125 51.50  80 02 13 19  72.3      X     X GLDL
OFF. VAN. IS.  W.C.   48 38.50 125 40.00  80 02 13 20  54.6      X     X GLDL
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BOTTLE/CTD DATA SET NUMBER:  80-0058
YEAR:1980     VESSEL/AGENCY: PARIZEAU,IOS

    AREA       STN     LAT      LON          DATE     CAST WATER PARAM  INSTR INT NO
                      DEG MIN  DEG MIN    YR MO DY HR  TO  DEPTH  MEAS         HR
                                                      (M)  (M)   C  S  T


OFF. VAN. IS.  111    48  8.50 126   .00  80 04 22 08 494.9      X     X GLDL
OFF. VAN. IS.  101    48 39.00 125  2.50  80 04 22 23  54.7      X     X GLDL
OFF. VAN. IS.  102    48 35.60 125  9.00  80 04 22 23 102.4      X     X GLDL
OFF. VAN. IS.  103    48 32.20 125 15.50  80 04 23 00 114.3      X     X GLDL
OFF. VAN. IS.  104    48 28.90 125 21.80  80 04 23 01 149.6      X     X GLDL
OFF. VAN. IS.  105    48 25.50 125 28.30  80 04 23 02 136.1      X     X GLDL
OFF. VAN. IS.  106    48 22.00 125 34.70  80 04 23 03  80.5      X     X GLDL
OFF. VAN. IS.  107    48 18.60 125 41.20  80 04 23 04 135.1      X     X GLDL
OFF. VAN. IS.  108    48 15.10 125 47.70  80 04 23 05 205.2      X     X GLDL
OFF. VAN. IS.  109    48 12.90 125 52.00  80 04 23 06 500.7      X     X GLDL
OFF. VAN. IS.  110    48 10.60 125 56.20  80 04 23 07 495.7      X     X GLDL
OFF. VAN. IS.  B.S.   48 19.20 126  2.50  80 04 23 10 499.5      X     X GLDL
OFF. VAN. IS.  B.S.   48 23.80 125 57.40  80 04 23 12 416.9      X     X GLDL
OFF. VAN. IS.  B.S.   48 28.00 125 51.50  80 04 23 13 114.3      X     X GLDL
OFF. VAN. IS.  B.S.   48 32.20 125 45.70  80 04 23 14  81.3      X     X GLDL
OFF. VAN. IS.  B.S.   48 36.40 125 40.10  80 04 23 14  49.4      X     X GLDL
OFF. VAN. IS.  B.S.   48 40.40 125 34.50  80 04 23 15 175.8      X     X GLDL
OFF. VAN. IS.  B.S.   48 44.40 125 29.10  80 04 23 16 112.4      X     X GLDL
OFF. VAN. IS.  B.S.   48 48.20 125 23.70  80 04 23 17  92.4      X     X GLDL
ALBERNI INLET  A7     48 57.02 125  1.30  80 04 23 19 218.5      X     X GLDL
ALBERNI INLET  A9     48 51.50 125  8.10  80 04 23 20  91.5      X     X GLDL
ALBERNI INLET  A10    48 48.20 125 14.40  80 04 23 21  40.7      X     X GLDL
ALBERNI INLET  A14    48 50.05 125 15.80  80 04 23 22  94.1      X     X GLDL
ALBERNI INLET  A13    48 54.15 125 12.95  80 04 23 22 102.6      X     X GLDL
ALBERNI INLET  A12    48 58.20 125  7.80  80 04 23 23  95.1      X     X GLDL
ALBERNI INLET  A11    48 57.72 125  4.48  80 04 24 00  94.5      X     X GLDL
ALBERNI INLET  A7     48 57.02 125  1.30  80 04 24 00 211.6      X     X GLDL
ALBERNI INLET  A6     48 58.78 124 57.80  80 04 24 01 167.8      X     X GLDL
ALBERNI INLET  A5     48 59.58 124 53.38  80 04 24 01 309.9      X     X GLDL
ALBERNI INLET  A4     49  2.70 124 51.11  80 04 24 02 273.3      X     X GLDL
ALBERNI INLET  A3     49  5.50 124 49.50  80 04 24 03  95.3      X     X GLDL
ALBERNI INLET  A2     49  7.15 124 48.80  80 04 24 04 133.3      X     X GLDL
ALBERNI INLET  A1     49  9.91 124 48.62  80 04 24 04  98.3      X     X GLDL
ALBERNI INLET  A0     49 12.16 124 49.02  80 04 24 05  54.5      X     X GLDL
ALBERNI INLET  A8     48 53.78 125  3.05  80 04 24 05 155.2      X     X GLDL
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BOTTLE/CTD DATA SET NUMBER:  80-0059
YEAR:1980     VESSEL/AGENCY: PARIZEAU,IOS

    AREA       STN     LAT      LON          DATE     CAST WATER PARAM  INSTR INT NO
                      DEG MIN  DEG MIN    YR MO DY HR  TO  DEPTH  MEAS         HR
                                                      (M)  (M)   C  S  T


B.C. OFFSHORE  I 1    48 39.0  123 29.0   80 04 30 13            X     X GLDL
B.C. OFFSHORE  F10    48 13.0  123 34.0   80 04 30 19            X     X GLDL
B.C. OFFSHORE  F09    48 14.0  123 40.0   80 04 30 20            X     X GLDL
B.C. OFFSHORE  F08    48 16.0  123 49.0   80 04 30 21            X     X GLDL
B.C. OFFSHORE  F02    48 28.0  124 39.0   80 05 01 04            X     X GLDL
B.C. OFFSHORE  F01    48 30.0  124 46.0   80 05 01 05            X     X GLDL
B.C. OFFSHORE  C01    48 35.0  124 57.0   80 05 01 07            X     X GLDL
B.C. OFFSHORE  C66    48 34.0  125 17.0   80 05 01 08            X     X GLDL
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B.C. OFFSHORE	65	48 37.0	125 28.0	80 05 01 09	X	X GLDL
B.C. OFFSHORE	64	48 38.0	125 40.0	80 05 01 10	X	X GLDL
B.C. OFFSHORE	63	48 40.0	125 51.0	80 05 01 12	X	X GLDL
B.C. OFFSHORE	62	48 41.0	126 3.0	80 05 01 13	X	X GLDL
B.C. OFFSHORE	C61	48 43.0	126 16.0	80 05 01 14	X	X GLDL
B.C. OFFSHORE	60	48 45.0	126 26.0	80 05 01 15	X	X GLDL
B.C. OFFSHORE	60A	48 57.0	126 33.0	80 05 01 17	X	X GLDL
B.C. OFFSHORE	60B	49 8.0	126 38.0	80 05 01 19	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 02	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 03	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 03	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 05	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 06	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 07	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 08	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 08	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 10	X	X GLDL
B.C. OFFSHORE	22A	49 7.0	127 6.0	80 05 02 11	X	X GLDL
B.C. OFFSHORE	I 1	49 51.0	126 39.0	80 05 03 18	X	X GLDL
B.C. OFFSHORE	I 2	49 40.0	126 34.0	80 05 05 19	X	X GLDL
B.C. OFFSHORE	I 2	49 40.0	126 34.0	80 05 07 01	X	X GLDL
B.C. OFFSHORE	19	48 48.0	127 37.0	80 05 08 21	X	X GLDL
B.C. OFFSHORE	19B	49 2.0	127 51.0	80 05 08 23	X	X GLDL
B.C. OFFSHORE	46A	50 3.0	128 2.0	80 05 11 23	X	X GLDL
B.C. OFFSHORE	C46	50 1.0	128 5.0	80 05 12 00	X	X GLDL
B.C. OFFSHORE	C45	49 57.0	128 12.0	80 05 12 01	X	X GLDL
B.C. OFFSHORE	C44	49 51.0	128 20.0	80 05 12 04	X	X GLDL
B.C. OFFSHORE	43	49 47.0	128 28.0	80 05 12 06	X	X GLDL
B.C. OFFSHORE	42	49 42.0	128 36.0	80 05 12 08	X	X GLDL
B.C. OFFSHORE	41	49 36.0	128 44.0	80 05 12 10	X	X GLDL
B.C. OFFSHORE	40	49 31.0	128 52.0	80 05 12 11	X	X GLDL
B.C. OFFSHORE	C39	49 25.0	128 44.0	80 05 12 18	X	X GLDL
B.C. OFFSHORE	38	49 18.0	128 36.0	80 05 12 20	X	X GLDL
B.C. OFFSHORE	37	49 12.0	128 29.0	80 05 12 22	X	X GLDL
B.C. OFFSHORE	C36	49 6.0	128 21.0	80 05 13 00	X	X GLDL
B.C. OFFSHORE	35	49 12.0	128 12.0	80 05 13 02	X	X GLDL
B.C. OFFSHORE	34	49 18.0	128 4.0	80 05 13 03	X	X GLDL
B.C. OFFSHORE	C33	49 23.0	127 55.0	80 05 13 05	X	X GLDL
B.C. OFFSHORE	32	49 29.0	127 46.0	80 05 13 07	X	X GLDL
B.C. OFFSHORE	31	49 34.0	127 38.0	80 05 13 09	X	X GLDL
B.C. OFFSHORE	30	49 40.0	127 29.0	80 05 13 10	X	X GLDL
B.C. OFFSHORE	29A	49 43.0	127 29.0	80 05 13 11	X	X GLDL
B.C. OFFSHORE	29	49 46.0	127 20.0	80 05 13 12	X	X GLDL
B.C. OFFSHORE	28	49 40.0	127 11.0	80 05 13 13	X	X GLDL
B.C. OFFSHORE	22	49 4.0	127 11.0	80 05 14 02	X	X GLDL
B.C. OFFSHORE	22	49 4.0	127 11.0	80 05 14 03	X	X GLDL
B.C. OFFSHORE	24	49 15.0	126 53.0	80 05 14 09	X	X GLDL
B.C. OFFSHORE	23A	49 12.0	126 57.0	80 05 14 09	X	X GLDL
B.C. OFFSHORE	23	49 10.0	127 2.0	80 05 14 10	X	X GLDL
B.C. OFFSHORE	21A	49 1.0	127 15.0	80 05 14 12	X	X GLDL
B.C. OFFSHORE	20	48 53.0	127 29.0	80 05 14 15	X	X GLDL
B.C. OFFSHORE	19	48 48.0	127 37.0	80 05 14 17	X	X GLDL
B.C. OFFSHORE	18	48 42.0	127 46.0	80 05 14 19	X	X GLDL
B.C. OFFSHORE	16	48 34.0	127 30.0	80 05 14 22	X	X GLDL
B.C. OFFSHORE	14	48 25.0	127 9.0	80 05 15 01	X	X GLDL
B.C. OFFSHORE	80	48 25.0	126 50.0	80 05 15 04	X	X GLDL
B.C. OFFSHORE	C82	48 37.0	126 32.0	80 05 15 07	X	X GLDL
B.C. OFFSHORE	83	48 43.0	126 22.0	80 05 15 08	X	X GLDL
B.C. OFFSHORE	84	48 49.0	126 13.0	80 05 15 10	X	X GLDL
B.C. OFFSHORE	85	48 55.0	126 3.0	80 05 15 11	X	X GLDL
B.C. OFFSHORE	87	48 54.0	125 54.0	80 05 15 12	X	X GLDL
B.C. OFFSHORE	88	48 54.0	125 46.0	80 05 15 13	X	X GLDL
B.C. OFFSHORE	89	48 48.0	125 46.0	80 05 15 14	X	X GLDL
B.C. OFFSHORE	90	48 43.0	125 47.0	80 05 15 14	X	X GLDL
B.C. OFFSHORE	91	48 37.0	125 47.0	80 05 15 15	X	X GLDL
B.C. OFFSHORE	92	48 39.0	125 39.0	80 05 15 16	X	X GLDL
B.C. OFFSHORE	C93	48 41.0	125 27.0	80 05 15 17	X	X GLDL
B.C. OFFSHORE	94	48 43.0	125 22.0	80 05 15 18	X	X GLDL
B.C. OFFSHORE	105	48 25.0	125 28.0	80 05 15 20	X	X GLDL
B.C. OFFSHORE	107	48 18.0	125 41.0	80 05 15 21	X	X GLDL
B.C. OFFSHORE	109	48 12.0	125 52.0	80 05 15 22	X	X GLDL
B.C. OFFSHORE	111	48 8.0	126 0.0	80 05 15 23	X	X GLDL
B.C. OFFSHORE	200	48 4.0	125 55.0	80 05 16 01	X	X GLDL
B.C. OFFSHORE	202	48 4.0	125 35.0	80 05 16 03	X	X GLDL
B.C. OFFSHORE	203	48 4.0	125 25.0	80 05 16 03	X	X GLDL
B.C. OFFSHORE	204	48 4.0	125 13.0	80 05 16 04	X	X GLDL
B.C. OFFSHORE	205	48 4.0	125 3.0	80 05 16 05	X	X GLDL
B.C. OFFSHORE	206	48 4.0	124 50.0	80 05 16 06	X	X GLDL
B.C. OFFSHORE	207	48 12.0	124 50.0	80 05 16 07	X	X GLDL
B.C. OFFSHORE	208	48 21.0	124 50.0	80 05 16 08	X	X GLDL
B.C. OFFSHORE	2	48 28.0	124 39.0	80 05 16 09	X	X GLDL
B.C. OFFSHORE	6	48 18.0	124 5.0	80 05 16 11	X	X GLDL
B.C. OFFSHORE	9	48 14.0	123 40.0	80 05 16 13	X	X GLDL

BOTTLE/CTD DATA SET NUMBER: 80-0060
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
OFF. VAN. IS.	111	48	8.50	126	.00	80	06	12	02	502.7		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	80	06	12	03	505.7		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	80	06	12	04	498.7		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	80	06	12	06	209.1		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	80	06	12	07	153.9		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	57.31	125	55.32	80	06	12	08	58.6		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	80	06	12	08	145.8		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	53.43	126	1.01	80	06	12	08	73.5		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	80	06	12	09	153.6		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	49.50	126	6.35	80	06	12	09	100.2		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	80	06	12	10	150.0		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	45.51	126	12.14	80	06	12	10	132.0		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	80	06	12	10	116.1		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	41.46	126	17.57	80	06	12	11	487.1		X		X	GLDL		
OFF. VAN. IS,	102	48	35.60	125	9.00	80	06	12	12	103.2		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	37.34	126	23.47	80	06	12	12	502.5		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	80	06	12	12	53.5		X		X	GLDL		
OFF. VAN. IS.	100	48	40.50	125	.00	80	06	12	13	36.7		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	48.20	125	23.70	80	06	12	15	83.5		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	44.40	125	29.10	80	06	12	15	118.1		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	40.40	125	34.50	80	06	12	16	176.9		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	36.40	125	40.10	80	06	12	17	53.3		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	32.20	125	45.70	80	06	12	18	84.1		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	28.00	125	51.50	80	06	12	19	113.9		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	23.80	125	57.40	80	06	12	20	440.1		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	19.20	126	2.50	80	06	12	21	479.2		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	24.40	126	15.42	80	06	12	23	503.0		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	29.06	126	9.48	80	06	13	00	246.3		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	33.24	126	4.00	80	06	13	01	133.0		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	37.36	125	58.16	80	06	13	02	96.5		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	41.41	125	52.38	80	06	13	03	63.5		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	45.39	125	47.05	80	06	13	04	76.6		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	49.32	125	41.36	80	06	13	05	52.8		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	53.19	125	36.12	80	06	13	05	41.3		X		X	GLDL		
OFF. VAN. IS.	W.B.	49	1.12	125	50.08	80	06	13	07	40.7		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	80	06	13	20	58.4		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	06	13	21	113.2		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	06	13	22	138.1		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	06	13	23	102.5		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	80	06	14	00	281.2		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	80	06	14	01	320.8		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	06	14	02	176.6		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	06	14	02	212.7		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	80	06	14	03	166.9		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	06	14	04	93.3		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	80	06	14	05	103.3		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	06	14	05	99.3		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	80	06	14	06	44.4		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	80	06	14	06	92.5		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	80	06	14	07	178.5		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	06	14	08	199.4		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0061
YEAR:1980 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
OFF VAN. IS.	13	48	33.0	124	45.0	80	06	04	01	122	128	X		X	GLDL		
OFF VAN. IS.	14	48	39.0	125	02.5	80	06	04	14	52	56	X		X	GLDL		
OFF VAN. IS.	15	48	35.6	125	09.0	80	06	04	15	102	110	X		X	GLDL		
OFF VAN. IS.	16	48	32.2	125	15.5	80	06	04	16	105	113	X		X	GLDL		
OFF VAN. IS.	17	48	28.9	125	21.8	80	06	04	17	145	154	X		X	GLDL		

OFF VAN. IS.	18	48 25.5	125 28.3	80 06 04 18	121	132	X		X	GLDL		
OFF VAN. IS.	19	48 22.0	125 34.7	80 06 04 19	142	150	X		X	GLDL		
OFF VAN. IS.	20	48 18.6	125 41.2	80 06 04 20	140	150	X		X	GLDL		
OFF VAN. IS.	21	48 15.1	125 47.7	80 06 04 22	183	197	X		X	GLDL		
OFF VAN. IS.	22	48 12.9	125 52.0	80 06 04 23	254	443	X		X	GLDL		
OFF VAN. IS.	23	48 10.6	125 56.2	80 06 05 01	238	952	X		X	GLDL		
OFF VAN. IS.	24	48 08.5	126 00.0	80 06 05 02	252	1150	X		X	GLDL		
OFF VAN. IS.	25	48 24.6	126 15.8	80 06 05 13	251	933	X		X	GLDL		
OFF VAN. IS.	26	48 26.9	126 12.8	80 06 05 13	250	604	X		X	GLDL		
OFF VAN. IS.	27	48 28.8	126 10.0	80 06 05 15	254	315	X		X	GLDL		
OFF VAN. IS.	28	48 31.0	126 07.1	80 06 05 16	188	190	X		X	GLDL		
OFF VAN. IS.	29	48 33.1	126 04.1	80 06 05 17	147	150	X		X	GLDL		
OFF VAN. IS.	30	48 35.2	126 01.4	80 06 05 17	105	110	X		X	GLDL		
OFF VAN. IS.	31	48 37.9	125 58.5	80 06 05 19	97	106	X		X	GLDL		
OFF VAN. IS.	32	48 39.3	125 55.8	80 06 05 20	83	92	X		X	GLDL		
OFF VAN. IS.	33	48 41.2	125 53.0	80 06 05 20	67	73	X		X	GLDL		
OFF VAN. IS.	34	48 43.2	125 50.2	80 06 05 21	82	90	X		X	GLDL		
OFF VAN. IS.	35	48 45.4	125 47.4	80 06 05 22	67	75	X		X	GLDL		
OFF VAN. IS.	36	48 47.3	125 44.8	80 06 05 23	51	60	X		X	GLDL		
OFF VAN. IS.	37	48 49.2	125 42.0	80 06 05 23	45	55	X		X	GLDL		
OFF VAN. IS.	38	48 51.1	125 39.3	80 06 06 00	42	47	X		X	GLDL		
OFF VAN. IS.	39	48 53.1	125 36.7	80 06 06 00	41	44	X		X	GLDL		
OFF VAN. IS.	40	48 10.0	124 55.0	80 06 06 14	79	82	X		X	GLDL		
OFF VAN. IS.	41	48 10.0	125 00.0	80 06 06 15	255	375	X		X	GLDL		
OFF VAN. IS.	42	48 10.0	125 05.0	80 06 06 16	222	230	X		X	GLDL		
OFF VAN. IS.	43	48 10.0	125 10.0	80 06 06 16	254	293	X		X	GLDL		
OFF VAN. IS.	44	48 10.0	125 15.0	80 06 06 17	250	260	X		X	GLDL		
OFF VAN. IS.	45	48 10.0	125 20.0	80 06 06 18	111	115	X		X	GLDL		
OFF VAN. IS.	46	48 10.0	125 25.0	80 06 06 19	112	118	X		X	GLDL		
OFF VAN. IS.	47	48 10.0	125 30.0	80 06 06 20	142	145	X		X	GLDL		
OFF VAN. IS.	48	48 10.0	125 35.0	80 06 06 21	145	148	X		X	GLDL		
OFF VAN. IS.	49	48 10.0	125 40.0	80 06 22 18	179	183	X		X	GLDL		
OFF VAN. IS.	50	48 10.0	125 45.0	80 06 06 22	252	604	X		X	GLDL		
OFF VAN. IS.	51	48 10.0	125 50.0	80 06 06 23	252	878	X		X	GLDL		
OFF VAN. IS.	52	48 10.0	125 55.0	80 06 07 01	253	915	X		X	GLDL		
OFF VAN. IS.	53	48 20.0	125 10.0	80 06 07 15	188	194	X		X	GLDL		
OFF VAN. IS.	54	48 15.0	125 12.5	80 06 07 17	211	226	X		X	GLDL		
OFF VAN. IS.	55	48 15.0	125 00.0	80 06 07 18	186	194	X		X	GLDL		
OFF VAN. IS.	56	48 20.0	125 00.0	80 06 07 19	207	220	X		X	GLDL		
OFF VAN. IS.	57	48 25.0	125 00.0	80 06 07 20	229	234	X		X	GLDL		
OFF VAN. IS.	58	48 30.0	125 00.0	80 06 07 22	82	91	X		X	GLDL		
OFF VAN. IS.	59	48 35.0	125 00.0	80 06 07 22	61	66	X		X	GLDL		
OFF VAN. IS.	60	48 40.0	125 00.0	80 06 07 23	36	38	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0062
YEAR:1980 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	5	48 08.5	126 00.0	80 07 30 14	237	1150	X		X	GLDL		
OFF VAN. IS.	6	48 10.6	125 56.2	80 07 30 16	231	860	X		X	GLDL		
OFF VAN. IS.	7	48 12.9	125 52.0	80 07 30 17	252	500	X		X	GLDL		
OFF VAN. IS.	8	48 15.1	125 47.7	80 07 30 18	203	216	X		X	GLDL		
OFF VAN. IS.	9	48 18.6	125 41.2	80 07 30 19	148	153	X		X	GLDL		
OFF VAN. IS.	10	48 22.0	125 34.7	80 07 30 20	148	150	X		X	GLDL		
OFF VAN. IS.	11	48 25.5	125 28.3	80 07 30 21	110	131	X		X	GLDL		
OFF VAN. IS.	12	48 28.9	125 21.8	80 07 30 22	149	157	X		X	GLDL		
OFF VAN. IS.	13	48 32.2	125 15.5	80 07 30 23	104	113	X		X	GLDL		
OFF VAN. IS.	14	48 35.6	125 09.0	80 07 31 00	101	110	X		X	GLDL		
OFF VAN. IS.	15	48 39.0	125 02.5	80 07 31 01	57	64	X		X	GLDL		
OFF VAN. IS.	16	48 15.0	125 40.0	80 07 31 14	224	270	X		X	GLDL		
OFF VAN. IS.	17	48 15.0	125 30.0	80 07 31 15	133	136	X		X	GLDL		
OFF VAN. IS.	18	48 15.0	125 20.0	80 07 31 16	93	95	X		X	GLDL		
OFF VAN. IS.	19	48 15.0	125 12.5	80 07 31 18	219	227	X		X	GLDL		
OFF VAN. IS.	20	48 15.0	125 06.0	80 07 31 19	111	117	X		X	GLDL		
OFF VAN. IS.	21	48 15.0	125 01.0	80 07 31 20	223	226	X		X	GLDL		
OFF VAN. IS.	22	48 15.0	124 54.0	80 07 31 21	74	80	X		X	GLDL		
OFF VAN. IS.	23	48 20.0	125 00.0	80 07 31 22	213	215	X		X	GLDL		
OFF VAN. IS.	24	48 20.0	125 10.0	80 07 31 23	184	188	X		X	GLDL		
OFF VAN. IS.	25	48 25.0	125 13.0	80 08 01 00	162	172	X		X	GLDL		
OFF VAN. IS.	26	48 27.0	125 03.0	80 08 01 01	173	179	X		X	GLDL		
OFF VAN. IS.	27	48 25.0	125 00.0	80 08 01 01	234	235	X		X	GLDL		
OFF VAN. IS.	28	48 25.0	124 52.0	80 08 01 02	252	330	X		X	GLDL		
OFF VAN. IS.	29	48 53.1	125 36.7	80 08 01 12	40	44	X		X	GLDL		

OFF VAN. IS.	30	48	51.1	125	39.3	80	08	01	13	41	46	X		X	GLDL
OFF VAN. IS.	31	48	49.2	125	42.0	80	08	01	14	53	55	X		X	GLDL
OFF VAN. IS.	32	48	47.3	125	44.8	80	08	01	15	54	62	X		X	GLDL
OFF VAN. IS.	33	48	45.4	125	47.4	80	08	01	16	65	71	X		X	GLDL
OFF VAN. IS.	34	48	43.2	125	50.2	80	08	01	17	95	102	X		X	GLDL
OFF VAN. IS.	35	48	41.2	125	53.0	80	08	01	18	61	66	X		X	GLDL
OFF VAN. IS.	36	48	39.3	125	55.8	80	08	01	18	81	80	X		X	GLDL
OFF VAN. IS.	37	48	37.9	125	58.5	80	08	01	20	101	106	X		X	GLDL
OFF VAN. IS.	38	48	35.2	126	01.4	80	08	01	20	113	113	X		X	GLDL
OFF VAN. IS.	39	48	33.1	126	04.1	80	08	01	21	148	150	X		X	GLDL
OFF VAN. IS.	40	48	31.0	126	07.1	80	08	01	22	182	186	X		X	GLDL
OFF VAN. IS.	41	48	28.8	126	10.0	80	08	01	23	253	270	X		X	GLDL
OFF VAN. IS.	42	48	26.9	126	12.8	80	08	01	23	252	613	X		X	GLDL
OFF VAN. IS.	43	48	24.6	126	15.8	80	08	02	00	251	878	X		X	GLDL
OFF VAN. IS.	44	48	22.4	126	18.2	80	08	02	01	253	1207	X		X	GLDL
OFF VAN. IS.	45	48	20.2	126	21.3	80	08	02	01	253	1170	X		X	GLDL
OFF VAN. IS.	46	48	41.3	126	48.1	80	08	02	14	252	1425	X		X	GLDL
OFF VAN. IS.	47	48	43.2	126	45.0	80	08	02	15	252	1335	X		X	GLDL
OFF VAN. IS.	48	48	45.3	126	42.1	80	08	02	16	254	1170	X		X	GLDL
OFF VAN. IS.	49	48	47.5	126	39.2	80	08	02	17	244	675	X		X	GLDL
OFF VAN. IS.	50	48	49.5	126	36.2	80	08	02	18	248	790	X		X	GLDL
OFF VAN. IS.	51	48	51.6	126	33.5	80	08	02	19	254	395	X		X	GLDL
OFF VAN. IS.	52	48	53.6	126	30.5	80	08	02	20	151	164	X		X	GLDL
OFF VAN. IS.	53	48	55.5	126	27.8	80	08	02	20	153	161	X		X	GLDL
OFF VAN. IS.	54	48	57.4	126	25.0	80	08	02	21	145	152	X		X	GLDL
OFF VAN. IS.	55	48	59.4	126	22.2	80	08	02	22	130	135	X		X	GLDL
OFF VAN. IS.	56	49	01.3	126	19.3	80	08	02	23	111	117	X		X	GLDL
OFF VAN. IS.	57	49	03.2	126	16.5	80	08	02	23	87	91	X		X	GLDL
OFF VAN. IS.	58	49	05.0	126	13.8	80	08	03	00	71	75	X		X	GLDL
OFF VAN. IS.	59	49	06.9	126	11.0	80	08	03	01	51	56	X		X	GLDL
OFF VAN. IS.	60	49	08.6	126	08.2	80	08	03	01	43	51	X		X	GLDL
OFF VAN. IS.	61	49	24.0	126	40.0	80	08	04	13	35	40	X		X	GLDL
OFF VAN. IS.	62	49	21.5	126	44.5	80	08	04	13	93	95	X		X	GLDL
OFF VAN. IS.	63	49	18.3	126	48.8	80	08	04	14	117	124	X		X	GLDL
OFF VAN. IS.	64	49	15.5	126	53.0	80	08	04	15	143	145	X		X	GLDL
OFF VAN. IS.	65	49	12.8	126	57.5	80	08	04	16	184	190	X		X	GLDL
OFF VAN. IS.	66	49	10.0	127	02.0	80	08	04	17	247	430	X		X	GLDL
OFF VAN. IS.	67	48	38.1	125	35.6	80	08	06	00	88	90	X		X	GLDL
OFF VAN. IS.	68	48	44.0	125	36.0	80	08	06	01	146	157	X		X	GLDL
OFF VAN. IS.	69	48	41.7	125	16.0	80	08	06	03	92	97	X		X	GLDL
OFF VAN. IS.	70	48	34.0	125	21.5	80	08	06	04	105	110	X		X	GLDL
OFF VAN. IS.	71	48	08.5	126	00.0	80	08	06	10	255	1135	X		X	GLDL
OFF VAN. IS.	72	48	10.6	125	56.2	80	08	06	11	248	940	X		X	GLDL
OFF VAN. IS.	73	48	12.9	125	52.0	80	08	06	12	248	500	X		X	GLDL
OFF VAN. IS.	74	48	15.1	125	47.7	80	08	06	13	213	217	X		X	GLDL
OFF VAN. IS.	75	48	18.6	125	41.2	80	08	06	14	146	152	X		X	GLDL
OFF VAN. IS.	76	48	22.0	125	34.7	80	08	06	15	147	148	X		X	GLDL
OFF VAN. IS.	77	48	25.5	125	28.3	80	08	06	16	126	128	X		X	GLDL
OFF VAN. IS.	78	48	28.9	125	21.8	80	08	06	17	152	154	X		X	GLDL
OFF VAN. IS.	79	48	32.2	125	15.5	80	08	06	18	111	115	X		X	GLDL
OFF VAN. IS.	80	48	35.6	125	09.0	80	08	06	19	106	111	X		X	GLDL
OFF VAN. IS.	81	48	39.0	125	02.5	80	08	06	20	51	54	X		X	GLDL

BOTTLE/CTD DATA SET NUMBER: 80-0063
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
ALBERNI INLET	A7	48	57.02	125	1.30	80	09	20	02	207.6		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	80	09	20	03	164.8		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	80	09	20	04	125.5		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	80	09	20	04	93.3		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	80	09	20	05	38.5		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	09	20	05	89.4		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	09	20	07	88.1		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	80	09	20	07	123.9		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	09	20	08	243.3		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	09	20	09	164.0		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	80	09	20	10	317.7		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	80	09	20	11	271.3		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	09	20	12	99.5		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	09	20	12	126.3		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	80	09	20	13	43.8		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	09	20	13	101.5		X		X	GLDL		

OFF. VAN. IS.	A.P.	48	24.40	126	15.42	80	09	22	23	497.0		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	29.06	126	9.48	80	09	23	00	252.8		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	33.24	126	4.00	80	09	23	01	147.1		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	37.36	125	58.16	80	09	23	02	105.3		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	41.41	125	52.38	80	09	23	04	60.6		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	45.39	125	47.05	80	09	23	05	62.5		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	49.32	125	41.36	80	09	23	05	50.9		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	53.19	125	36.12	80	09	23	06	57.4		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	44.40	125	29.10	80	09	23	07	121.1		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	48.20	125	23.70	80	09	23	07	81.1		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	40.40	125	34.50	80	09	23	08	188.3		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	36.40	125	40.10	80	09	23	08	54.6		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	32.20	125	45.70	80	09	23	09	89.4		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	28.00	125	51.50	80	09	23	10	122.2		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	23.80	125	57.40	80	09	23	11	344.4		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	19.20	126	2.50	80	09	23	12	465.3		X		X	GLDL		
OFF. VAN. IS.	111	48	8.50	126	.00	80	09	23	14	504.8		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	80	09	23	15	527.7		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	80	09	23	16	500.1		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	80	09	23	17	223.3		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	80	09	23	18	139.0		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	80	09	23	18	146.1		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	80	09	23	19	131.3		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	80	09	23	20	153.9		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	80	09	23	21	113.1		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	80	09	23	22	108.2		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	80	09	23	22	58.7		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	34.35	125	.05	80	09	23	23	56.6		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	28.11	124	59.57	80	09	24	00	95.1		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	25.36	124	59.53	80	09	24	00	183.7		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	23.00	124	59.49	80	09	24	01	258.0		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	20.23	124	59.45	80	09	24	01	219.1		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	17.45	124	59.40	80	09	24	02	265.0		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	15.06	124	59.35	80	09	24	03	140.9		X		X	GLDL		
OFF. VAN. IS.	C.A.1	48	13.21	124	56.37	80	09	24	03	135.0		X		X	GLDL		
OFF. VAN. IS.	C.A.1	48	12.51	125	2.25	80	09	24	03	216.2		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	12.24	125	8.11	80	09	24	04	100.0		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	12.41	125	13.55	80	09	24	05	223.3		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	11.37	125	19.38	80	09	24	05	98.3		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	11.16	125	25.19	80	09	24	06	112.3		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.57	125	30.58	80	09	24	07	143.0		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.40	125	36.35	80	09	24	07	157.7		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.26	125	42.11	80	09	24	08	348.2		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.13	125	47.46	80	09	24	08	499.8		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.02	125	53.18	80	09	24	10	504.7		X		X	GLDL		
OFF. VAN. IS.	X. 1	48	15.03	125	36.21	80	09	24	11	139.0		X		X	GLDL		
OFF. VAN. IS.	X. 2	48	16.42	125	30.43	80	09	24	12	128.8		X		X	GLDL		
OFF. VAN. IS.	X. 3	48	18.20	125	25.06	80	09	24	12	127.0		X		X	GLDL		
OFF. VAN. IS.	X. 4	48	19.58	125	19.30	80	09	24	13	112.2		X		X	GLDL		
OFF. VAN. IS.	X. 5	48	21.35	125	13.53	80	09	24	14	169.8		X		X	GLDL		
OFF. VAN. IS.	X. 6	48	23.12	125	8.17	80	09	24	15	99.3		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0064
YEAR:1980 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	A7	48	57.02	125	1.30	80	10	22	17	235.4		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	80	10	23	02	53.4		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	80	10	23	03	103.3		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	80	10	23	04	103.4		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	80	10	23	05	125.2		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	80	10	23	06	153.8		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	80	10	23	07	133.0		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	80	10	23	08	141.8		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	80	10	23	09	184.3		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	80	10	23	09	397.0		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	80	10	23	10	439.4		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	80	10	23	22	39.7		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	10	23	22	103.5		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	10	23	23	125.0		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	10	24	00	99.4		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	80	10	24	00	204.3		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	80	10	24	01	302.9		X		X	GLDL		

ALBERNI INLET	A7	48	57.02	125	1.30	80	10	24	01	301.1		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	10	24	02	95.4		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	10	24	03	90.5		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0065A
YEAR:1980 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	A0	49	12.16	124	49.02	80	07	25	16	51.2		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	07	25	16	100.0		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	07	25	17	84.6		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	07	25	18	62.6		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	07	25	20	171.9		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	07	25	21	195.7		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	80	07	25	22	126.2		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	07	25	23	78.5		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	80	07	26	00	83.5		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	07	26	01	99.4		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	80	07	26	01	53.7		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	80	07	26	02	122.2		X		X	GLDL		
OFF. VAN. IS.	111	48	8.50	126	.00	80	07	26	03	067.5		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	80	07	26	12	829.4		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	80	07	26	14	476.1		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	80	07	26	15	244.2		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	80	07	26	16	211.4		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	80	07	26	19	136.0		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	80	07	26	20	123.1		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	80	07	26	21	138.0		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	80	07	26	21	98.3		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	80	07	27	00	93.4		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0065B
YEAR:1980 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	F10	48	13.0	123	35.0	80	07	23	03			X		X	GLDL		
B.C. OFFSHORE	F 9	48	14.0	123	40.0	80	07	23	04			X		X	GLDL		
B.C. OFFSHORE	F7	48	17.0	123	57.0	80	07	23	05			X		X	GLDL		
B.C. OFFSHORE	F6	48	18.0	124	5.0	80	07	23	06			X		X	GLDL		
B.C. OFFSHORE	F 5	48	21.0	124	14.0	80	07	23	07			X		X	GLDL		
B.C. OFFSHORE	F 4	48	24.0	124	23.0	80	07	23	08			X		X	GLDL		
B.C. OFFSHORE	F03	48	26.0	124	31.0	80	07	23	09			X		X	GLDL		
B.C. OFFSHORE	F 2	48	28.0	124	39.0	80	07	23	11			X		X	GLDL		
B.C. OFFSHORE	111	48	8.0	126	0.0	80	07	26	03			X		X	GLDL		
B.C. OFFSHORE	110	48	10.0	125	56.0	80	07	26	12			X		X	GLDL		
B.C. OFFSHORE	109	48	12.0	125	52.0	80	07	26	14			X		X	GLDL		
B.C. OFFSHORE	108	48	15.0	125	47.0	80	07	26	15			X		X	GLDL		
B.C. OFFSHORE	107	48	18.0	125	41.0	80	07	26	16			X		X	GLDL		
B.C. OFFSHORE	106	48	22.0	125	34.0	80	07	26	19			X		X	GLDL		
B.C. OFFSHORE	105	48	25.0	125	28.0	80	07	26	20			X		X	GLDL		
B.C. OFFSHORE	104	48	29.0	125	21.0	80	07	26	21			X		X	GLDL		
B.C. OFFSHORE	103	48	32.0	125	15.0	80	07	26	21			X		X	GLDL		
B.C. OFFSHORE	102	48	35.0	125	9.0	80	07	27	00			X		X	GLDL		
B.C. OFFSHORE	101	48	39.0	125	2.0	80	07	27	01			X		X	GLDL		
B.C. OFFSHORE	100	48	40.0	125	0.0	80	07	27	01			X		X	GLDL		
B.C. OFFSHORE	S2	48	44.0	125	29.0	80	07	27	04			X		X	GLDL		
B.C. OFFSHORE	S3	48	40.0	125	34.0	80	07	27	05			X		X	GLDL		
B.C. OFFSHORE	S4	48	36.0	125	40.0	80	07	27	06			X		X	GLDL		
B.C. OFFSHORE	P4	48	41.0	125	52.0	80	07	27	08			X		X	GLDL		
B.C. OFFSHORE	P3	48	45.0	125	47.0	80	07	27	09			X		X	GLDL		
B.C. OFFSHORE	P2	48	49.0	125	41.0	80	07	27	10			X		X	GLDL		
B.C. OFFSHORE	87	48	54.0	125	54.0	80	07	27	12			X		X	GLDL		
B.C. OFFSHORE	W85	48	55.0	126	3.0	80	07	27	22			X		X	GLDL		

B.C. OFFSHORE	84A	48	52.0	126	8.0	80	07	27	23			X		X	GLDL		
B.C. OFFSHORE	83A	48	46.0	126	17.0	80	07	28	00			X		X	GLDL		
B.C. OFFSHORE	82	48	37.0	126	32.0	80	07	28	02			X		X	GLDL		
B.C. OFFSHORE	W18	48	42.0	127	46.0	80	07	28	10			X		X	GLDL		
B.C. OFFSHORE	W19	48	48.0	127	37.0	80	07	28	13			X		X	GLDL		
B.C. OFFSHORE	W20	48	53.0	127	29.0	80	07	28	15			X		X	GLDL		
B.C. OFFSHORE	21	48	59.0	127	19.0	80	07	28	17			X		X	GLDL		
B.C. OFFSHORE	21A	49	1.0	127	15.0	80	07	28	18			X		X	GLDL		
B.C. OFFSHORE	W22	49	4.0	127	11.0	80	07	28	19			X		X	GLDL		
B.C. OFFSHORE	22A	49	7.0	127	6.0	80	07	28	21			X		X	GLDL		
B.C. OFFSHORE	C23	49	10.0	127	2.0	80	07	28	22			X		X	GLDL		
B.C. OFFSHORE	23A	49	12.0	126	57.0	80	07	28	23			X		X	GLDL		
B.C. OFFSHORE	C24	49	15.0	126	53.0	80	07	29	00			X		X	GLDL		
B.C. OFFSHORE	24A	49	18.0	126	48.0	80	07	29	01			X		X	GLDL		
B.C. OFFSHORE	C25	49	21.0	126	44.0	80	07	29	02			X		X	GLDL		
B.C. OFFSHORE	25A	49	23.0	126	40.0	80	07	29	03			X		X	GLDL		
B.C. OFFSHORE	W26	49	30.0	126	51.0	80	07	29	05			X		X	GLDL		
B.C. OFFSHORE	C27	49	36.0	127	1.0	80	07	29	05			X		X	GLDL		
B.C. OFFSHORE	W28	49	40.0	127	11.0	80	07	29	07			X		X	GLDL		
B.C. OFFSHORE	28A	49	48.0	127	15.0	80	07	29	08			X		X	GLDL		
B.C. OFFSHORE	W29	49	46.0	127	20.0	80	07	29	09			X		X	GLDL		
B.C. OFFSHORE	29A	49	43.0	127	24.0	80	07	29	09			X		X	GLDL		
B.C. OFFSHORE	W30	49	40.0	127	29.0	80	07	29	10			X		X	GLDL		
B.C. OFFSHORE	30A	49	37.0	127	33.0	80	07	29	11			X		X	GLDL		
B.C. OFFSHORE	W31	49	34.0	127	38.0	80	07	29	13			X		X	GLDL		
B.C. OFFSHORE	31A	49	31.0	127	42.0	80	07	29	14			X		X	GLDL		
B.C. OFFSHORE	W32	49	29.0	127	46.0	80	07	29	15			X		X	GLDL		
B.C. OFFSHORE	W33	49	23.0	127	55.0	80	07	29	17			X		X	GLDL		
B.C. OFFSHORE	W34	49	18.0	128	4.0	80	07	29	19			X		X	GLDL		
B.C. OFFSHORE	C36	49	6.0	128	21.0	80	07	29	22			X		X	GLDL		
B.C. OFFSHORE	38	49	18.0	128	36.0	80	07	30	03			X		X	GLDL		
B.C. OFFSHORE	W40	49	31.0	128	52.0	80	07	30	06			X		X	GLDL		
B.C. OFFSHORE	W41	49	36.0	128	44.0	80	07	30	08			X		X	GLDL		
B.C. OFFSHORE	W42	49	42.0	128	36.0	80	07	30	10			X		X	GLDL		
B.C. OFFSHORE	W43	49	47.0	128	28.0	80	07	30	11			X		X	GLDL		
B.C. OFFSHORE	44	49	51.0	128	20.0	80	07	30	13			X		X	GLDL		
B.C. OFFSHORE	45	49	57.0	128	12.0	80	07	30	14			X		X	GLDL		
B.C. OFFSHORE	45A	49	59.0	128	8.0	80	07	30	20			X		X	GLDL		
B.C. OFFSHORE	46A	50	3.0	128	2.0	80	07	30	22			X		X	GLDL		
B.C. OFFSHORE	W47	50	6.0	127	58.0	80	07	30	23			X		X	GLDL		
B.C. OFFSHORE	46	50	1.0	128	5.0	80	07	31	02			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0066
YEAR:1980 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	A0	49	12.16	124	49.02	80	08	12	20	35		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	08	12	21	107		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	08	12	21	137		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	08	12	22	100		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	80	08	12	23	189		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	80	08	13	00	347		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	08	13	01	192		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	08	13	11	220		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	80	08	13	02	148		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	08	13	02	86		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	80	08	13	03	90		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	08	13	04	90		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	80	08	13	04	38		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	80	08	13	05	136		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	80	08	13	06	160		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0067
YEAR:1980 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	A7	48	57.02	125	1.30	80	11	25	06	181.7		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	80	11	25	07	174.9		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	80	11	25	07	125.9		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	80	11	25	08	49.7		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	11	25	09	99.2		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	80	11	25	09	105.3		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	11	25	10	102.5		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	80	11	25	10	114.4		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	11	25	11	177.6		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	11	25	13	193.9		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	11	25	14	169.0		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	80	11	25	14	349.8		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	80	11	25	15	226.7		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	11	25	16	121.5		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	11	25	17	114.5		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	80	11	25	18	39.9		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	11	26	68	143.0		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	80	11	27	20	79.5		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0068
YEAR:1980 VESSEL/AGENCY: DOBROCKY SEATECH,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ALBERNI INLET	1A	49	07.15	124	48.75	80	11	21	06			X		X	VCTD	2	21
ALBERNI INLET	1B	49	07.00	124	48.85	80	11	21	06			X		X	VCTD	2	21
ALBERNI INLET	1C	49	07.38	124	48.98	80	11	21	06			X		X	VCTD	2	21
ALBERNI INLET	1D	49	07.62	124	49.25	80	11	21	06			X		X	VCTD	2	21
ALBERNI INLET	1E	49	06.48	124	49.32	80	11	21	06			X		X	VCTD	2	18
ALBERNI INLET	1F	49	05.00	124	49.62	80	11	21	06			X		X	VCTD	2	17
ALBERNI INLET	3A	49	08.56	124	48.59	80	11	23	00			X		X	VCTD	2	16
ALBERNI INLET	3B	49	07.15	124	48.75	80	11	23	00			X		X	VCTD	2	16
ALBERNI INLET	3C	49	07.35	124	48.98	80	11	23	00			X		X	VCTD	2	16
ALBERNI INLET	3D	49	07.80	124	49.43	80	11	23	00			X		X	VCTD	.2	99
ALBERNI INLET	3E	49	06.27	124	49.50	80	11	23	00			X		X	VCTD	2	16
ALBERNI INLET	3F	49	06.90	124	49.67	80	11	23	00			X		X	VCTD	2	16
ALBERNI INLET	4A	49	10.60	124	48.20	80	11	24	14			X		X	VCTD	.3	99
ALBERNI INLET	4B	49	06.77	124	49.15	80	11	24	15			X		X	VCTD	.2	99
ALBERNI INLET	2A	49	12.30	124	49.12	80	11	26	04			X		X	VCTD	2	29
ALBERNI INLET	2B	49	11.55	124	49.22	80	11	26	04			X		X	VCTD	2	28
ALBERNI INLET	2C	49	10.62	124	48.20	80	11	26	04			X		X	VCTD	2	29
ALBERNI INLET	2D	49	09.68	124	48.20	80	11	26	04			X		X	VCTD	2	33
ALBERNI INLET	2E	49	08.81	124	48.80	80	11	26	04			X		X	VCTD	2	33
ALBERNI INLET	2F	49	07.65	124	49.25	80	11	26	04			X		X	VCTD	2	34

BOTTLE/CTD DATA SET NUMBER: 80-0070
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	F10	48	13.0	123	35.0	80	09	04	06			X		X	GLDL		
B.C. OFFSHORE	F 9	48	14.0	123	40.0	80	09	04	07			X		X	GLDL		
B.C. OFFSHORE	F 8	48	16.0	123	49.0	80	09	04	08			X		X	GLDL		

B.C. OFFSHORE	F 7	48 17.0	123 57.0	80 09 04 09	X	X	GLDL
B.C. OFFSHORE	F 6	48 18.0	124 5.0	80 09 04 09	X	X	GLDL
B.C. OFFSHORE	F 5	48 21.0	124 14.0	80 09 04 10	X	X	GLDL
B.C. OFFSHORE	F04	48 24.0	124 23.0	80 09 04 12	X	X	GLDL
B.C. OFFSHORE	F03	48 26.0	124 31.0	80 09 04 12	X	X	GLDL
B.C. OFFSHORE	F 2	48 28.0	124 39.0	80 09 04 21	X	X	GLDL
B.C. OFFSHORE	F 1	48 30.0	124 46.0	80 09 04 22	X	X	GLDL
B.C. OFFSHORE	E 3	48 15.0	124 54.0	80 09 05 00	X	X	GLDL
B.C. OFFSHORE	E 4	48 15.0	125 1.0	80 09 05 01	X	X	GLDL
B.C. OFFSHORE	E 5	48 15.0	125 6.0	80 09 05 02	X	X	GLDL
B.C. OFFSHORE	E6	48 15.0	125 12.0	80 09 05 03	X	X	GLDL
B.C. OFFSHORE	E 7	48 15.0	125 20.0	80 09 05 04	X	X	GLDL
B.C. OFFSHORE	11	48 8.0	126 0.0	80 09 05 07	X	X	GLDL
B.C. OFFSHORE	109	48 12.0	125 52.0	80 09 05 09	X	X	GLDL
B.C. OFFSHORE	07	48 18.0	125 41.0	80 09 05 10	X	X	GLDL
B.C. OFFSHORE	05	48 25.0	125 28.0	80 09 05 12	X	X	GLDL
B.C. OFFSHORE	103	48 32.0	125 15.0	80 09 05 13	X	X	GLDL
B.C. OFFSHORE	101	48 39.0	125 2.0	80 09 05 15	X	X	GLDL
B.C. OFFSHORE	093	48 41.0	125 27.0	80 09 05 17	X	X	GLDL
B.C. OFFSHORE	92	48 39.0	125 39.0	80 09 05 18	X	X	GLDL
B.C. OFFSHORE	1	48 37.0	125 47.0	80 09 05 19	X	X	GLDL
B.C. OFFSHORE	0	48 42.0	125 47.0	80 09 05 19	X	X	GLDL
B.C. OFFSHORE	9	48 48.0	125 46.0	80 09 05 20	X	X	GLDL
B.C. OFFSHORE	8	48 54.0	125 46.0	80 09 05 21	X	X	GLDL
B.C. OFFSHORE	6	49 0.0	125 55.0	80 09 05 22	X	X	GLDL
B.C. OFFSHORE	5 A	48 58.0	125 59.0	80 09 05 22	X	X	GLDL
B.C. OFFSHORE	85	48 55.0	126 3.0	80 09 05 23	X	X	GLDL
B.C. OFFSHORE	4A	48 52.0	126 8.0	80 09 05 23	X	X	GLDL
B.C. OFFSHORE	084	48 49.0	126 13.0	80 09 06 00	X	X	GLDL
B.C. OFFSHORE	83A	48 46.0	126 17.0	80 09 06 01	X	X	GLDL
B.C. OFFSHORE	83	48 43.0	126 22.0	80 09 06 02	X	X	GLDL
B.C. OFFSHORE	82	48 37.0	126 32.0	80 09 06 03	X	X	GLDL
B.C. OFFSHORE	81	48 31.0	126 41.0	80 09 06 05	X	X	GLDL
B.C. OFFSHORE	0	48 26.0	126 50.0	80 09 06 07	X	X	GLDL
B.C. OFFSHORE	3	48 20.0	126 59.0	80 09 06 08	X	X	GLDL
B.C. OFFSHORE	4	48 25.0	127 9.0	80 09 06 10	X	X	GLDL
B.C. OFFSHORE	5	48 29.0	127 19.0	80 09 06 11	X	X	GLDL
B.C. OFFSHORE	6	48 34.0	127 28.0	80 09 06 14	X	X	GLDL
B.C. OFFSHORE	17	48 37.0	127 37.0	80 09 06 16	X	X	GLDL
B.C. OFFSHORE	18	48 42.0	127 46.0	80 09 06 18	X	X	GLDL
B.C. OFFSHORE	19	48 48.0	127 37.0	80 09 07 12	X	X	GLDL
B.C. OFFSHORE	20	48 53.0	127 29.0	80 09 07 14	X	X	GLDL
B.C. OFFSHORE	21	48 59.0	127 19.0	80 09 07 16	X	X	GLDL
B.C. OFFSHORE	21A	49 1.0	127 15.0	80 09 07 17	X	X	GLDL
B.C. OFFSHORE	22	49 4.0	127 11.0	80 09 07 18	X	X	GLDL
B.C. OFFSHORE	2A	49 7.0	127 6.0	80 09 07 20	X	X	GLDL
B.C. OFFSHORE	3	49 10.0	127 2.0	80 09 07 21	X	X	GLDL
B.C. OFFSHORE	3A	49 10.0	127 2.0	80 09 07 21	X	X	GLDL
B.C. OFFSHORE	4	49 15.0	126 53.0	80 09 07 22	X	X	GLDL
B.C. OFFSHORE	4A	49 18.0	126 48.0	80 09 07 23	X	X	GLDL
B.C. OFFSHORE	5	49 21.0	126 44.0	80 09 07 23	X	X	GLDL
B.C. OFFSHORE	5A	49 23.0	126 40.0	80 09 08 00	X	X	GLDL
B.C. OFFSHORE	7	49 36.0	127 1.0	80 09 08 02	X	X	GLDL
B.C. OFFSHORE	7	49 36.0	127 1.0	80 09 08 02	X	X	GLDL
B.C. OFFSHORE	8	49 40.0	127 11.0	80 09 08 03	X	X	GLDL
B.C. OFFSHORE	28A	49 49.0	127 15.0	80 09 08 05	X	X	GLDL
B.C. OFFSHORE	29	49 46.0	127 20.0	80 09 08 05	X	X	GLDL
B.C. OFFSHORE	9A	49 43.0	127 24.0	80 09 08 06	X	X	GLDL
B.C. OFFSHORE	0	49 40.0	127 29.0	80 09 08 07	X	X	GLDL
B.C. OFFSHORE	0A	49 37.0	127 33.0	80 09 08 08	X	X	GLDL
B.C. OFFSHORE	1	49 34.0	127 38.0	80 09 08 09	X	X	GLDL
B.C. OFFSHORE	1A	49 31.0	127 42.0	80 09 08 10	X	X	GLDL
B.C. OFFSHORE	2	49 29.0	127 46.0	80 09 08 11	X	X	GLDL
B.C. OFFSHORE	3	49 23.0	127 55.0	80 09 08 13	X	X	GLDL
B.C. OFFSHORE	4	49 18.0	128 4.0	80 09 08 14	X	X	GLDL
B.C. OFFSHORE	35	49 12.0	128 12.0	80 09 08 16	X	X	GLDL
B.C. OFFSHORE	36	49 6.0	128 21.0	80 09 08 17	X	X	GLDL
B.C. OFFSHORE	37	49 12.0	128 29.0	80 09 08 21	X	X	GLDL
B.C. OFFSHORE	8	49 18.0	128 36.0	80 09 08 23	X	X	GLDL
B.C. OFFSHORE	39	49 25.0	128 44.0	80 09 09 01	X	X	GLDL
B.C. OFFSHORE	0	49 31.0	128 52.0	80 09 09 02	X	X	GLDL
B.C. OFFSHORE	C41	49 36.0	128 44.0	80 09 09 04	X	X	GLDL
B.C. OFFSHORE	42	49 42.0	128 36.0	80 09 09 05	X	X	GLDL
B.C. OFFSHORE	43	49 47.0	128 28.0	80 09 09 06	X	X	GLDL
B.C. OFFSHORE	4	49 51.0	128 20.0	80 09 09 07	X	X	GLDL
B.C. OFFSHORE	4A	49 54.0	128 16.0	80 09 09 08	X	X	GLDL
B.C. OFFSHORE	5	49 57.0	128 12.0	80 09 09 09	X	X	GLDL
B.C. OFFSHORE	5A	49 59.0	128 8.0	80 09 09 11	X	X	GLDL
B.C. OFFSHORE	C46	50 1.0	128 5.0	80 09 09 12	X	X	GLDL
B.C. OFFSHORE	46A	50 3.0	128 2.0	80 09 09 13	X	X	GLDL
B.C. OFFSHORE	47	50 6.0	127 58.0	80 09 09 14	X	X	GLDL
B.C. OFFSHORE	5	50 8.0	128 25.0	80 09 10 07	X	X	GLDL
B.C. OFFSHORE	4	50 12.0	128 19.0	80 09 10 08	X	X	GLDL

B.C. OFFSHORE	3	50	15.0	128	14.0	80	09	10	09			X		X	GLDL		
B.C. OFFSHORE	2	50	19.0	128	8.0	80	09	10	10			X		X	GLDL		
B.C. OFFSHORE	1	50	23.0	128	3.0	80	09	10	11			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0072
YEAR:1980 VESSEL/AGENCY: VECTOR,UBC

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
NEROUTSOS IN.	NER19	50	22.9	127	27.4	80	07	08	01	50	59	X		X	BOTT		
NEROUTSOS IN.	NER17	50	24.7	127	29.8	80	07	07	23	140	150	X		X	BOTT		
NEROUTSOS IN.	NER15	50	28.7	127	33.2	80	07	07	22	175	188	X		X	BOTT		
NEROUTSOS IN.	NER20	50	30.1	127	42.0	80	07	07	18	115	117	X		X	BOTT		
RUPERT INLET	RUP03	50	34.9	127	30.6	80	07	05	23	105	110	X		X	BOTT		
RUPERT INLET	RUP01	50	35.4	127	26.4	80	07	05	15	70	71	X		X	BOTT		
HOLBERG INLET	HOL5A	50	34.0	127	33.9	80	07	07	16	150	154	X		X	BOTT		
HOLBERG INLET	HOL07	50	35.1	127	35.9	80	07	06	13	120	123	X		X	BOTT		
HOLBERG INLET	HOL09	50	35.5	127	39.5	80	07	07	15	100	110	X		X	BOTT		
HOLBERG INLET	HOL11	50	35.8	127	43.9	80	07	06	17	80	84	X		X	BOTT		
HOLBERG INLET	HOL13	50	36.5	127	49.0	80	07	06	23	55	60	X		X	BOTT		
HOLBERG INLET	HOL14	50	38.3	127	57.5	80	07	07	00	50	55	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 80-0088A
YEAR:1980 VESSEL/AGENCY: EPS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	1	49	14.23	124	49.13	80	06	00	00	10		X		X	BOTT		
ALBERNI INLET	2	49	14.00	124	49.19	80	06	00	00	10		X		X	BOTT		
ALBERNI INLET	3	49	13.74	124	49.22	80	06	00	00	15		X		X	BOTT		
ALBERNI INLET	4	49	13.46	124	49.25	80	06	00	00	18		X		X	BOTT		
ALBERNI INLET	5	49	13.23	124	49.33	80	06	00	00	20		X		X	BOTT		
ALBERNI INLET	6	49	12.95	124	49.30	80	06	00	00	25		X		X	BOTT		
ALBERNI INLET	7	49	12.66	124	49.29	80	06	00	00	25		X		X	BOTT		
ALBERNI INLET	8	49	12.25	124	49.12	80	06	00	00	40		X		X	BOTT		
ALBERNI INLET	9	49	11.98	124	49.10	80	06	00	00	50		X		X	BOTT		
ALBERNI INLET	10	49	11.76	124	49.07	80	06	00	00	50		X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 80-0092
YEAR:1980 VESSEL/AGENCY: PANDORA II,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
OFF. VAN. IS.	101	48	39.00	125	2.50	80	03	25	16	44.5		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	80	03	25	17	96.3		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	80	03	25	18	103.5		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	80	03	25	18	139.0		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	80	03	25	20	114.2		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	80	03	25	21	137.2		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	80	03	25	22	145.7		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	80	03	25	23	153.8		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	80	03	25	23	493.7		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	80	03	26	01	390.7		X		X	GLDL		
OFF. VAN. IS.	111	48	8.50	126	.00	80	03	26	02	498.9		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	19.20	126	2.50	80	03	26	04	497.9		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	23.80	125	57.40	80	03	26	05	271.0		X		X	GLDL		

OFF. VAN. IS.	B.S.	48	28.00	125	51.50	80	03	26	06	128.1		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	32.20	125	45.70	80	03	26	07	83.2		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	36.40	125	40.10	80	03	26	07	56.7		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	40.40	125	34.50	80	03	26	08	108.2		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	44.40	125	29.10	80	03	26	09	116.3		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	48.20	125	23.70	80	03	26	09	89.2		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	80	03	26	16	55.4		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	03	26	16	107.5		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	03	26	17	136.2		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	03	26	17	107.3		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	80	03	27	03	54.4		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	03	27	03	99.5		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	03	27	04	130.3		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	03	27	04	109.0		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	80	03	27	05	280.1		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	80	03	27	06	328.8		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	03	27	06	169.7		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	03	27	07	215.5		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	80	03	27	08	145.5		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	03	27	08	85.4		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	80	03	27	09	92.3		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	03	27	10	85.4		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	80	03	27	10	74.6		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	80	03	27	11	123.3		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	80	03	27	12	160.2		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	03	27	13	246.4		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 80-0093
YEAR:1980 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
ALBERNI INLET	A0	49	12.16	124	49.02	80	08	12	20	187.8		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	80	08	12	21	107.6		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	80	08	12	21	136.9		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	80	08	12	22	100.3		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	80	08	12	23	188.5		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	80	08	13	00	346.7		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	80	08	13	01	191.8		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	80	08	13	01	219.5		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	80	08	13	02	148.1		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	80	08	13	02	86.4		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	80	08	13	03	90.2		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	80	08	13	04	90.5		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	80	08	13	04	37.5		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	80	08	13	05	136.1		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	80	08	13	06	159.9		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	53.19	125	36.12	80	08	13	22	55.3		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	49.32	125	41.36	80	08	13	23	53.2		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	45.39	125	47.05	80	08	14	00	70.8		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	41.41	125	52.38	80	08	14	00	64.5		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	37.36	125	58.16	80	08	14	01	102.1		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	33.24	126	4.00	80	08	14	02	137.6		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	29.06	126	9.48	80	08	14	03	226.5		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	24.40	126	15.42	80	08	14	04	483.9		X		X	GLDL		
OFF. VAN. IS.	111	48	8.50	126	.00	80	08	14	06	510.6		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	80	08	14	07	496.7		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	80	08	14	08	498.9		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	80	08	14	08	229.4		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	80	08	14	09	152.7		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	80	08	14	11	147.7		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	80	08	14	11	132.0		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	80	08	14	12	150.5		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	80	08	14	13	103.3		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	80	08	14	14	103.1		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	80	08	14	15	44.7		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0069
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR
OFF. VAN. IS.	K.I.	50	23.40	128	7.50	81	09	05	15	87.4		X		X	GLDL	
OFF. VAN. IS.	K.I.	50	20.00	128	13.80	81	09	05	15	165.8		X		X	GLDL	
OFF. VAN. IS.	K.I.	50	16.30	128	20.50	81	09	05	16	496.8		X		X	GLDL	
OFF. VAN. IS.	K.I.	50	12.60	128	27.00	81	09	05	17	496.8		X		X	GLDL	
OFF. VAN. IS.	K.I.	50	8.90	128	34.00	81	09	05	18	488.8		X		X	GLDL	
OFF. VAN. IS.	K.I.	50	5.00	128	40.80	81	09	05	19	495.7		X		X	GLDL	
OFF. VAN. IS.	K.S.	49	53.70	127	30.30	81	09	06	00	64.5		X		X	GLDL	
OFF. VAN. IS.	K.S.	49	50.00	127	36.00	81	09	06	01	93.2		X		X	GLDL	
OFF. VAN. IS.	K.S.	49	46.40	127	42.10	81	09	06	01	494.0		X		X	GLDL	
OFF. VAN. IS.	K.S.	49	42.70	127	48.30	81	09	06	02	495.0		X		X	GLDL	
OFF. VAN. IS.	K.S.	49	38.90	127	54.80	81	09	06	03	493.2		X		X	GLDL	
OFF. VAN. IS.	K.S.	49	35.00	128	1.10	81	09	06	04	486.9		X		X	GLDL	
OFF. VAN. IS.	111	48	8.50	126	.00	81	09	06	15	490.8		X		X	GLDL	
OFF. VAN. IS.	101	48	39.00	125	2.50	81	09	06	23	45.5		X		X	GLDL	
OFF. VAN. IS.	102	48	35.60	125	9.00	81	09	07	00	106.3		X		X	GLDL	
OFF. VAN. IS.	103	48	32.20	125	15.50	81	09	07	00	112.4		X		X	GLDL	
OFF. VAN. IS.	104	48	28.90	125	21.80	81	09	07	01	139.8		X		X	GLDL	
OFF. VAN. IS.	105	48	25.50	125	28.30	81	09	07	02	126.1		X		X	GLDL	
OFF. VAN. IS.	106	48	22.00	125	34.70	81	09	07	03	141.8		X		X	GLDL	
OFF. VAN. IS.	107	48	18.60	125	41.20	81	09	07	04	142.0		X		X	GLDL	
OFF. VAN. IS.	108	48	15.10	125	47.70	81	09	07	05	201.2		X		X	GLDL	
OFF. VAN. IS.	109	48	12.90	125	52.00	81	09	07	05	495.0		X		X	GLDL	
OFF. VAN. IS.	110	48	10.60	125	56.20	81	09	07	07	498.9		X		X	GLDL	
ALBERNI INLET	A0	49	12.16	124	49.02	81	09	07	14	65.6		X		X	GLDL	
ALBERNI INLET	A1	49	9.91	124	48.62	81	09	07	14	106.3		X		X	GLDL	
ALBERNI INLET	A2	49	7.15	124	48.80	81	09	07	15	124.1		X		X	GLDL	
ALBERNI INLET	A3	49	5.50	124	49.50	81	09	07	15	113.3		X		X	GLDL	
ALBERNI INLET	A4	49	2.70	124	51.11	81	09	07	16	283.9		X		X	GLDL	
ALBERNI INLET	A5	48	59.58	124	53.38	81	09	07	16	343.4		X		X	GLDL	
ALBERNI INLET	A6	48	58.78	124	57.80	81	09	07	17	172.7		X		X	GLDL	
ALBERNI INLET	A7	48	57.02	125	1.30	81	09	07	19	212.5		X		X	GLDL	
ALBERNI INLET	A12	48	58.20	125	7.80	81	09	07	19	90.2		X		X	GLDL	
ALBERNI INLET	A13	48	54.15	125	12.95	81	09	07	20	98.5		X		X	GLDL	
ALBERNI INLET	A14	48	50.05	125	15.80	81	09	07	21	97.0		X		X	GLDL	
ALBERNI INLET	A10	48	48.20	125	14.40	81	09	07	21	74.5		X		X	GLDL	
ALBERNI INLET	A9	48	51.50	125	8.10	81	09	07	22	126.1		X		X	GLDL	

BOTTLE/CTD DATA SET NUMBER: 81-0070
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR
OFF. VAN. IS.	101	48	39.00	125	2.50	81	02	05	02	50.6		X		X	GLDL	
OFF. VAN. IS.	102	48	35.60	125	9.00	81	02	05	03	104.3		X		X	GLDL	
OFF. VAN. IS.	103	48	32.20	125	15.50	81	02	05	04	106.0		X		X	GLDL	
OFF. VAN. IS.	104	48	28.90	125	21.80	81	02	05	05	142.2		X		X	GLDL	
OFF. VAN. IS.	105	48	25.50	125	28.30	81	02	05	06	146.0		X		X	GLDL	
OFF. VAN. IS.	106	48	22.00	125	34.70	81	02	05	07	142.9		X		X	GLDL	
OFF. VAN. IS.	107	48	18.60	125	41.20	81	02	05	08	142.8		X		X	GLDL	
OFF. VAN. IS.	108	48	15.10	125	47.70	81	02	05	09	283.0		X		X	GLDL	
OFF. VAN. IS.	109	48	12.90	125	52.00	81	02	05	10	447.4		X		X	GLDL	
OFF. VAN. IS.	110	48	10.60	125	56.20	81	02	05	11	503.0		X		X	GLDL	
OFF. VAN. IS.	111	48	8.50	126	.00	81	02	05	12	496.6		X		X	GLDL	
OFF. VAN. IS.	A.P.	48	24.40	126	15.42	81	02	05	14	499.0		X		X	GLDL	
OFF. VAN. IS.	A.P.	48	29.06	126	9.48	81	02	05	16	251.2		X		X	GLDL	
OFF. VAN. IS.	A.P.	48	33.24	126	4.00	81	02	05	17	153.7		X		X	GLDL	
OFF. VAN. IS.	A.P.	48	37.36	125	58.16	81	02	05	18	110.3		X		X	GLDL	
OFF. VAN. IS.	A.P.	48	41.41	125	52.38	81	02	05	19	68.3		X		X	GLDL	
OFF. VAN. IS.	A.P.	48	45.39	125	47.05	81	02	05	20	65.4		X		X	GLDL	
OFF. VAN. IS.	A.P.	48	49.32	125	41.36	81	02	05	21	59.7		X		X	GLDL	
OFF. VAN. IS.	A.P.	48	53.19	125	36.12	81	02	05	21	52.5		X		X	GLDL	
ALBERNI INLET	A0	49	12.16	124	49.02	81	02	06	02	62.7		X		X	GLDL	

ALBERNI INLET	A1	49	9.91	124	48.62	81	02	06	02	112.1	X	X	GLDL
ALBERNI INLET	A2	49	7.15	124	48.80	81	02	06	03	127.3	X	X	GLDL
ALBERNI INLET	A3	49	5.50	124	49.50	81	02	06	03	117.3	X	X	GLDL
ALBERNI INLET	A4	49	2.70	124	51.11	81	02	06	04	293.0	X	X	GLDL
ALBERNI INLET	A5	48	59.58	124	53.38	81	02	06	05	305.0	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	06	06	174.9	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	06	07	234.7	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	06	08	113.2	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	06	08	99.5	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	06	09	109.1	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	06	10	101.5	X	X	GLDL
ALBERNI INLET	A10	48	48.20	125	14.40	81	02	06	11	42.8	X	X	GLDL
ALBERNI INLET	A9	48	51.50	125	8.10	81	02	06	12	113.4	X	X	GLDL
ALBERNI INLET	A8	48	53.78	125	3.05	81	02	06	13	148.1	X	X	GLDL
ALBERNI INLET	A8	48	53.78	125	3.05	81	02	09	08	178.1	X	X	GLDL
ALBERNI INLET	A9	48	51.50	125	8.10	81	02	09	09	142.1	X	X	GLDL
ALBERNI INLET	A10	48	48.20	125	14.40	81	02	09	10	44.6	X	X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	09	10	100.3	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	09	11	96.4	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	09	12	110.1	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	09	13	101.3	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	09	13	93.1	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	09	14	244.6	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	09	15	184.7	X	X	GLDL
ALBERNI INLET	A5	48	59.58	124	53.38	81	02	09	16	354.5	X	X	GLDL
ALBERNI INLET	A4	49	2.70	124	51.11	81	02	09	17	285.0	X	X	GLDL
ALBERNI INLET	A3	49	5.50	124	49.50	81	02	09	17	100.6	X	X	GLDL
ALBERNI INLET	A2	49	7.15	124	48.80	81	02	09	18	138.3	X	X	GLDL
ALBERNI INLET	A1	49	9.91	124	48.62	81	02	09	18	113.5	X	X	GLDL
ALBERNI INLET	A0	49	12.16	124	49.02	81	02	09	19	61.5	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	10	01	186.7	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	10	01	226.3	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	10	02	100.4	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	10	02	90.5	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	10	03	92.6	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	10	03	86.5	X	X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	10	04	95.4	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	10	07	177.6	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	10	07	236.4	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	10	08	144.3	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	10	08	98.4	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	10	09	101.3	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	10	10	103.3	X	X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	10	11	98.7	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	10	13	183.8	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	10	13	233.3	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	10	14	87.4	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	10	14	87.2	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	10	15	97.5	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	10	16	92.3	X	X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	10	16	92.5	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	10	19	175.8	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	10	19	235.2	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	10	20	142.0	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	10	20	98.6	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	10	21	100.6	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	10	22	100.5	X	X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	10	23	100.3	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	11	01	166.2	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	11	02	180.7	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	11	02	107.1	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	11	02	90.6	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	11	03	97.0	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	11	04	97.3	X	X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	11	05	94.3	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	11	07	176.9	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	11	08	223.6	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	11	08	97.7	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	11	08	99.4	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	11	09	104.6	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	11	10	101.4	X	X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	11	11	100.2	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	11	13	170.8	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	11	14	238.4	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	11	14	128.2	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	11	14	89.6	X	X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	11	15	92.5	X	X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	11	16	94.3	X	X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	11	17	93.3	X	X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	11	19	175.7	X	X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	11	19	219.8	X	X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	11	20	105.4	X	X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	11	20	100.2	X	X	GLDL

ALBERNI INLET	A13	48	54.15	125	12.95	81	02	11	21	109.2	X		X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	11	21	99.0	X		X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	11	22	102.2	X		X	GLDL
ALBERNI INLET	A0	49	12.16	124	49.02	81	02	12	02	53.8	X		X	GLDL
ALBERNI INLET	A1	49	9.91	124	48.62	81	02	12	02	101.1	X		X	GLDL
ALBERNI INLET	A2	49	7.15	124	48.80	81	02	12	03	128.0	X		X	GLDL
ALBERNI INLET	A3	49	5.50	124	49.50	81	02	12	04	100.6	X		X	GLDL
ALBERNI INLET	A4	49	2.70	124	51.11	81	02	12	04	283.0	X		X	GLDL
ALBERNI INLET	A5	48	59.58	124	53.38	81	02	12	05	341.4	X		X	GLDL
ALBERNI INLET	A6	48	58.78	124	57.80	81	02	12	06	184.5	X		X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	12	06	232.6	X		X	GLDL
ALBERNI INLET	A11	48	57.72	125	4.48	81	02	12	07	93.5	X		X	GLDL
ALBERNI INLET	A12	48	58.20	125	7.80	81	02	12	07	93.2	X		X	GLDL
ALBERNI INLET	A13	48	54.15	125	12.95	81	02	12	08	107.5	X		X	GLDL
ALBERNI INLET	A14	48	50.05	125	15.80	81	02	12	09	99.0	X		X	GLDL
ALBERNI INLET	A15	48	44.80	125	21.60	81	02	12	10	98.5	X		X	GLDL
ALBERNI INLET	A10	48	48.20	125	14.40	81	02	12	10	41.3	X		X	GLDL
ALBERNI INLET	A9	48	51.50	125	8.10	81	02	12	11	136.8	X		X	GLDL
ALBERNI INLET	A8	48	53.78	125	3.05	81	02	12	12	159.0	X		X	GLDL
ALBERNI INLET	A7	48	57.02	125	1.30	81	02	12	13	232.6	X		X	GLDL

BOTTLE/CTD DATA SET NUMBER: 81-0071
YEAR:1981 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
QUATSINO SOUND	95	50	28.1	127	52.5	81	04	28	12	135	137	X		X	BOTT		
RUPERT INLET	7	50	35.2	127	27.6	81	04	28	15	82	83	X		X	BOTT		
RUPERT INLET	21	50	35.4	127	30.0	81	04	28	17	100	103	X		X	BOTT		
RUPERT INLET	17	50	34.6	127	30.0	81	04	28	19	70	72	X		X	BOTT		
RUPERT INLET	19	50	35.0	127	30.0	81	04	29	08	83	86	X		X	BOTT		
RUPERT INLET	RR2	50	34.6	127	31.6	81	04	29	09	112	115	X		X	BOTT		
HOLBERG INLET	55	50	36.2	127	47.8	81	04	29	11	75	79	X		X	BOTT		
HOLBERG INLET	51	50	38.6	127	59.0	81	04	29	13	55	58	X		X	BOTT		
HOLBERG INLET	39	50	34.6	127	34.8	81	04	29	15	120	123	X		X	BOTT		
QUATSINO SOUND	50	50	29.9	127	45.2	81	04	29	19	120	123	X		X	BOTT		
NEROUTSOS INLET	N1	50	27.8	127	32.3	81	04	30	08	175	188	X		X	BOTT		
QUATSINO SOUND	49A	50	34.7	127	38.1	81	04	30	09	115	122	X		X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 81-0072
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	1	48	53.1	125	36.7	81	09	15	03	35	40	X		X	GLDL		
OFF VAN. IS.	2	48	51.1	125	39.3	81	09	15	03	35	42	X		X	GLDL		
OFF VAN. IS.	3	48	49.2	125	42.0	81	09	15	04	40	49	X		X	GLDL		
OFF VAN. IS.	4	48	47.3	125	44.8	81	09	15	05	57	58	X		X	GLDL		
OFF VAN. IS.	5	48	45.4	125	47.4	81	09	15	05	67	71	X		X	GLDL		
OFF VAN. IS.	6	48	43.8	125	48.8	81	09	15	06	98	122	X		X	GLDL		
OFF VAN. IS.	7	48	41.2	125	53.0	81	09	15	07	66	66	X		X	GLDL		
OFF VAN. IS.	8	48	39.3	125	55.8	81	09	15	08	84	86	X		X	GLDL		
OFF VAN. IS.	9	48	37.9	125	58.5	81	09	15	08	99	102	X		X	GLDL		
OFF VAN. IS.	10	48	35.2	126	01.4	81	09	15	09	108	112	X		X	GLDL		
OFF VAN. IS.	11	48	33.1	126	04.2	81	09	15	10	146	148	X		X	GLDL		
OFF VAN. IS.	12	48	31.0	126	07.1	81	09	15	11	184	185	X		X	GLDL		
OFF VAN. IS.	13	48	28.8	126	10.0	81	09	15	12	243	260	X		X	GLDL		
OFF VAN. IS.	14	48	26.9	126	12.8	81	09	15	12	251	595	X		X	GLDL		
OFF VAN. IS.	15	48	48.8	125	51.8	81	09	16	01	50	53	X		X	GLDL		
OFF VAN. IS.	16	48	47.2	125	46.6	81	09	16	02	49	51	X		X	GLDL		
OFF VAN. IS.	17	48	44.8	125	44.2	81	09	16	02	107	110	X		X	GLDL		
OFF VAN. IS.	18	48	42.2	125	44.8	81	09	16	03	133	135	X		X	GLDL		
OFF VAN. IS.	19	48	39.9	125	42.4	81	09	16	04	54	58	X		X	GLDL		
OFF VAN. IS.	20	48	37.8	125	40.1	81	09	16	05	46	49	X		X	GLDL		
OFF VAN. IS.	21	48	35.6	125	37.8	81	09	16	05	59	64	X		X	GLDL		

OFF VAN. IS.	22	48	33.5	125	35.0	81	09	16	06	62	68	X		X	GLDL		
OFF VAN. IS.	23	48	31.4	125	33.5	81	09	16	07	122	124	X		X	GLDL		
OFF VAN. IS.	24	48	29.4	125	30.1	81	09	16	08	84	86	X		X	GLDL		
OFF VAN. IS.	25	48	27.5	125	27.2	81	09	16	08	146	148	X		X	GLDL		
OFF VAN. IS.	26	48	25.2	125	24.8	81	09	16	09	144	154	X		X	GLDL		
OFF VAN. IS.	27	48	23.4	125	22.5	81	09	16	10	109	123	X		X	GLDL		
OFF VAN. IS.	28	48	21.4	125	19.5	81	09	16	11	98	115	X		X	GLDL		
OFF VAN. IS.	29	48	19.4	125	16.8	81	09	16	12	151	159	X		X	GLDL		
OFF VAN. IS.	30	48	39.0	125	02.5	81	09	17	01	37	40	X		X	GLDL		
OFF VAN. IS.	31	48	35.6	125	09.0	81	09	17	02	97	104	X		X	GLDL		
OFF VAN. IS.	32	48	32.2	125	15.5	81	09	17	03	95	110	X		X	GLDL		
OFF VAN. IS.	33	48	28.9	125	21.8	81	09	17	04	141	144	X		X	GLDL		
OFF VAN. IS.	34	48	25.5	125	28.3	81	09	17	05	132	128	X		X	GLDL		
OFF VAN. IS.	35	48	22.0	125	34.7	81	09	17	06	137	140	X		X	GLDL		
OFF VAN. IS.	36	48	18.6	125	41.2	81	09	17	08	140	148	X		X	GLDL		
OFF VAN. IS.	37	48	15.1	125	47.7	81	09	17	08	207	219	X		X	GLDL		
OFF VAN. IS.	38	48	12.9	125	52.0	81	09	17	09	252	531	X		X	GLDL		
OFF VAN. IS.	39	48	10.6	125	56.2	81	09	17	10	252	929	X		X	GLDL		
OFF VAN. IS.	40	48	08.5	126	00.0	81	09	17	11	246	1100	X		X	GLDL		
OFF VAN. IS.	41	48	15.0	125	12.5	81	09	18	01	170	185	X		X	GLDL		
OFF VAN. IS.	42	48	15.0	125	06.0	81	09	18	02	103	111	X		X	GLDL		
OFF VAN. IS.	43	48	15.0	125	01.0	81	09	18	03	246	325	X		X	GLDL		
OFF VAN. IS.	44	48	22.0	124	20.0	81	09	18	07	203	208	X		X	GLDL		
OFF VAN. IS.	45	48	15.4	124	00.0	81	09	18	10	166	172	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0073
YEAR:1981 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF. VAN. IS.	101	48	39.00	125	2.50	81	01	06	16	57.3		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	81	01	06	17	113.2		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	81	01	06	17	112.4		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	81	01	06	18	150.0		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	81	01	06	19	133.3		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	81	01	06	20	146.9		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	81	01	06	21	152.9		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	81	01	06	22	231.4		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	81	01	06	22	497.8		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	81	01	07	12	213.8		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	81	01	07	13	178.6		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	81	01	07	14	130.4		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	81	01	07	15	44.9		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	81	01	07	15	101.4		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	81	01	07	16	108.2		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	81	01	07	17	98.4		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	81	01	07	17	133.3		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	81	01	07	18	238.6		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	81	01	07	19	182.0		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	81	01	07	19	361.7		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	81	01	07	20	224.7		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	81	01	07	21	122.2		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	81	01	07	21	141.2		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	81	01	07	22	114.5		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	81	01	07	23	38.5		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0074
YEAR:1981 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF. VAN. IS.	110	48	10.60	125	56.20	81	03	10	16	501.8		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	81	03	10	17	504.0		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	81	03	10	17	207.7		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	81	03	10	18	150.8		X		X	GLDL		

OFF. VAN. IS.	106	48	22.00	125	34.70	81	03	10	20	143.1		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	81	03	10	21	133.2		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	81	03	10	22	147.0		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	81	03	10	22	106.0		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	81	03	10	23	114.4		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	81	03	11	00	53.4		X		X	GLDL		
ALBERNI INLET	A8	48	53.78	125	3.05	81	03	11	14	167.1		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	81	03	11	14	118.4		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	81	03	11	15	40.8		X		X	GLDL		
ALBERNI INLET	A15	48	44.80	125	21.60	81	03	11	16	99.2		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	81	03	11	17	99.5		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	81	03	11	17	103.3		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	81	03	11	18	96.5		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	81	03	11	19	90.1		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	81	03	11	19	243.4		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	81	03	11	20	188.7		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	81	03	11	20	296.0		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	81	03	11	21	205.8		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	81	03	11	22	118.5		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	81	03	11	22	142.3		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	81	03	11	23	114.6		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	81	03	12	00	38.7		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0075
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
OFF. VAN. IS.	C.A.1	48	13.21	124	56.37	81	04	21	20	150.0		X		X	GLDL		
OFF. VAN. IS.	C.A.1	48	12.51	125	2.25	81	04	21	20	201.7		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	12.24	125	8.11	81	04	21	22	114.4		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	12.41	125	13.55	81	04	21	23	132.2		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	11.37	125	19.38	81	04	21	23	87.5		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	11.16	125	25.19	81	04	22	00	117.1		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.57	125	30.58	81	04	22	01	140.9		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.40	125	36.35	81	04	22	02	164.8		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.26	125	42.11	81	04	22	02	324.3		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.13	125	47.46	81	04	22	03	509.9		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	81	04	22	05	494.0		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	81	04	22	06	206.3		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	81	04	22	07	153.8		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	81	04	22	08	122.9		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	81	04	22	09	128.0		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	81	04	22	10	149.0		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	81	04	22	11	105.1		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	81	04	22	11	104.2		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	81	04	22	12	55.7		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	81	04	22	17	53.4		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	81	04	22	18	108.4		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	81	04	22	18	127.5		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	81	04	22	19	104.3		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	81	04	22	20	292.0		X		X	GLDL		
ALBERNI INLET	A5	48	59.58	124	53.38	81	04	22	20	331.7		X		X	GLDL		
ALBERNI INLET	A6	48	58.78	124	57.80	81	04	22	21	178.0		X		X	GLDL		
ALBERNI INLET	A7	48	57.02	125	1.30	81	04	22	22	229.7		X		X	GLDL		
ALBERNI INLET	A11	48	57.72	125	4.48	81	04	22	23	125.9		X		X	GLDL		
ALBERNI INLET	A12	48	58.20	125	7.80	81	04	22	23	93.6		X		X	GLDL		
ALBERNI INLET	A13	48	54.15	125	12.95	81	04	23	00	101.4		X		X	GLDL		
ALBERNI INLET	A14	48	50.05	125	15.80	81	04	23	01	99.4		X		X	GLDL		
ALBERNI INLET	A15	48	44.80	125	21.60	81	04	23	02	96.5		X		X	GLDL		
ALBERNI INLET	A10	48	48.20	125	14.40	81	04	23	03	43.7		X		X	GLDL		
ALBERNI INLET	A9	48	51.50	125	8.10	81	04	23	04	128.3		X		X	GLDL		
ALBERNI INLET	A8	48	5[illegible].78	125	3.05	81	04	23	05	169.1		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0076
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
OFF. VAN. IS.	C.F.	48	21.00	124	51.20	81	06	02	14	115.3		X		X	GLDL		
OFF. VAN. IS.	C.F.	48	22.90	124	51.40	81	06	02	15	242.3		X		X	GLDL		
OFF. VAN. IS.	C.F.	48	25.50	124	51.60	81	06	02	16	283.5		X		X	GLDL		
OFF. VAN. IS.	C.F.	48	28.00	124	51.70	81	06	02	17	241.1		X		X	GLDL		
OFF. VAN. IS.	C.F.	48	31.10	124	51.80	81	06	02	17	140.9		X		X	GLDL		
OFF. VAN. IS.	C.F.	48	33.00	124	52.00	81	06	02	18	84.1		X		X	GLDL		
OFF. VAN. IS.	C.F.	48	35.50	124	52.20	81	06	02	18	57.5		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	34.35	125	.05	81	06	02	19	54.7		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	28.11	124	59.57	81	06	02	20	89.4		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	25.36	124	59.53	81	06	02	21	222.2		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	23.00	124	59.49	81	06	02	21	231.2		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	20.23	124	59.45	81	06	02	22	207.4		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	17.45	124	59.40	81	06	02	23	260.0		X		X	GLDL		
OFF. VAN. IS.	N.L.	48	15.06	124	59.35	81	06	03	00	165.5		X		X	GLDL		
OFF. VAN. IS.	C.A.1	48	13.21	124	56.37	81	06	03	00	126.9		X		X	GLDL		
OFF. VAN. IS.	C.A.1	48	12.51	125	2.25	81	06	03	01	221.3		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	12.24	125	8.11	81	06	03	02	108.1		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	12.41	125	13.55	81	06	03	03	212.1		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	11.37	125	19.38	81	06	03	04	103.2		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	11.16	125	25.19	81	06	03	05	113.9		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.57	125	30.58	81	06	03	06	137.1		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.40	125	36.35	81	06	03	07	139.1		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.26	125	42.11	81	06	03	08	370.1		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.13	125	47.46	81	06	03	09	531.6		X		X	GLDL		
OFF. VAN. IS.	C.A.	48	10.02	125	53.18	81	06	03	10	528.8		X		X	GLDL		
OFF. VAN. IS.	X. 1	48	15.03	125	36.21	81	06	03	11	137.0		X		X	GLDL		
OFF. VAN. IS.	X. 2	48	16.42	125	30.43	81	06	03	12	117.3		X		X	GLDL		
OFF. VAN. IS.	X. 3	48	18.20	125	25.06	81	06	03	13	122.0		X		X	GLDL		
OFF. VAN. IS.	X. 4	48	19.58	125	19.30	81	06	03	14	100.0		X		X	GLDL		
OFF. VAN. IS.	X. 5	48	21.35	125	13.53	81	06	03	14	167.6		X		X	GLDL		
OFF. VAN. IS.	X. 6	48	23.12	125	8.17	81	06	03	15	106.2		X		X	GLDL		
OFF. VAN. IS.	X. 7	48	24.48	125	2.41	81	06	03	16	106.0		X		X	GLDL		
OFF. VAN. IS.	101	48	39.00	125	2.50	81	06	04	02	54.5		X		X	GLDL		
OFF. VAN. IS.	102	48	35.60	125	9.00	81	06	04	03	104.2		X		X	GLDL		
OFF. VAN. IS.	103	48	32.20	125	15.50	81	06	04	04	105.1		X		X	GLDL		
OFF. VAN. IS.	104	48	28.90	125	21.80	81	06	04	04	150.7		X		X	GLDL		
OFF. VAN. IS.	105	48	25.50	125	28.30	81	06	04	05	129.9		X		X	GLDL		
OFF. VAN. IS.	106	48	22.00	125	34.70	81	06	04	06	143.8		X		X	GLDL		
OFF. VAN. IS.	107	48	18.60	125	41.20	81	06	04	07	147.0		X		X	GLDL		
OFF. VAN. IS.	108	48	15.10	125	47.70	81	06	04	08	216.2		X		X	GLDL		
OFF. VAN. IS.	109	48	12.90	125	52.00	81	06	04	09	512.0		X		X	GLDL		
OFF. VAN. IS.	110	48	10.60	125	56.20	81	06	04	10	531.5		X		X	GLDL		
OFF. VAN. IS.	111	48	8.50	126	.00	81	06	04	11	500.0		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	19.20	126	2.50	81	06	04	21	533.6		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	23.80	125	57.40	81	06	04	22	429.3		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	28.00	125	51.50	81	06	04	23	115.3		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	32.20	125	45.70	81	06	05	00	82.2		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	36.40	125	40.10	81	06	05	01	47.4		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	40.40	125	34.50	81	06	05	02	177.7		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	44.40	125	29.10	81	06	05	02	115.3		X		X	GLDL		
OFF. VAN. IS.	B.S.	48	48.20	125	23.70	81	06	05	03	84.3		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	53.19	125	36.12	81	06	05	04	45.4		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	49.32	125	41.36	81	06	05	05	47.5		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	45.39	125	47.05	81	06	05	05	69.3		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	41.41	125	52.38	81	06	05	06	64.6		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	37.36	125	58.16	81	06	05	06	104.5		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	33.24	126	4.00	81	06	05	07	140.8		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	29.06	126	9.48	81	06	05	08	243.1		X		X	GLDL		
OFF. VAN. IS.	A.P.	48	24.40	126	15.42	81	06	05	09	533.6		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	37.34	126	23.47	81	06	05	10	554.5		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	41.46	126	17.57	81	06	05	11	503.6		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	45.51	126	12.14	81	06	05	12	138.9		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	49.50	126	6.35	81	06	05	13	96.4		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	53.43	126	1.01	81	06	05	14	62.3		X		X	GLDL		
OFF. VAN. IS.	W.B.	48	57.31	125	55.32	81	06	05	15	48.7		X		X	GLDL		
OFF. VAN. IS.	W.B.	49	1.12	125	50.08	81	06	05	15	36.7		X		X	GLDL		
ALBERNI INLET	A0	49	12.16	124	49.02	81	06	07	21	53.7		X		X	GLDL		
ALBERNI INLET	A1	49	9.91	124	48.62	81	06	07	22	102.5		X		X	GLDL		
ALBERNI INLET	A2	49	7.15	124	48.80	81	06	07	23	134.1		X		X	GLDL		
ALBERNI INLET	A3	49	5.50	124	49.50	81	06	07	23	105.3		X		X	GLDL		
ALBERNI INLET	A4	49	2.70	124	51.11	81	06	08	00	282.3		X		X	GLDL		

ALBERNI INLET	A5	48 59.58	124 53.38	81 06 08 01	351.7		X		X	GLDL		
ALBERNI INLET	A6	48 58.78	124 57.80	81 06 08 02	179.9		X		X	GLDL		
ALBERNI INLET	A7	48 57.02	125 1.30	81 06 08 03	184.9		X		X	GLDL		
ALBERNI INLET	A11	48 57.72	125 4.48	81 06 08 03	152.0		X		X	GLDL		
ALBERNI INLET	A12	48 58.20	125 7.80	81 06 08 04	87.4		X		X	GLDL		
ALBERNI INLET	A13	48 54.15	125 12.95	81 06 08 05	102.2		X		X	GLDL		
ALBERNI INLET	A14	48 50.05	125 15.80	81 06 08 05	97.2		X		X	GLDL		
ALBERNI INLET	A15	48 44.80	125 21.60	81 06 08 06	92.2		X		X	GLDL		
ALBERNI INLET	A10	48 48.20	125 14.40	81 06 08 07	37.5		X		X	GLDL		
ALBERNI INLET	A9	48 51.50	125 8.10	81 06 08 07	136.2		X		X	GLDL		
ALBERNI INLET	A8	48 53.78	125 3.05	81 06 08 08	180.7		X		X	GLDL		
OFF. VAN. IS.	101	48 39.00	125 2.50	81 06 09 03	57.4		X		X	GLDL		
OFF. VAN. IS.	102	48 35.60	125 9.00	81 06 09 03	107.8		X		X	GLDL		
OFF. VAN. IS.	103	48 32.20	125 15.50	81 06 09 05	108.8		X		X	GLDL		
OFF. VAN. IS.	104	48 28.90	125 21.80	81 06 09 06	147.9		X		X	GLDL		
OFF. VAN. IS.	106	48 22.00	125 34.70	81 06 09 08	144.2		X		X	GLDL		
OFF. VAN. IS.	107	48 18.60	125 41.20	81 06 09 08	152.9		X		X	GLDL		
OFF. VAN. IS.	108	48 15.10	125 47.70	81 06 09 10	221.3		X		X	GLDL		
OFF. VAN. IS.	109	48 12.90	125 52.00	81 06 09 10	504.6		X		X	GLDL		
OFF. VAN. IS.	110	48 10.60	125 56.20	81 06 09 12	506.0		X		X	GLDL		
OFF. VAN. IS.	111	48 8.50	126 .00	81 06 09 12	501.0		X		X	GLDL		
OFF. VAN. IS.	112	48 5.60	126 5.80	81 06 09 18	199.9		X		X	GLDL		
OFF. VAN. IS.	105	48 25.50	125 28.30	81 06 10 07	131.0		X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0077
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	1	48 53.1	125 36.7	81 04 29 17	55	55	X		X	GLDL		
OFF VAN. IS.	2	48 51.1	125 39.3	81 04 29 18	32	45	X		X	GLDL		
OFF VAN. IS.	3	48 49.2	125 42.0	81 04 29 18	47	53	X		X	GLDL		
OFF VAN. IS.	4	48 47.3	125 44.8	81 04 29 19	54	58	X		X	GLDL		
OFF VAN. IS.	5	48 45.4	125 47.4	81 04 29 20	56	66	X		X	GLDL		
OFF VAN. IS.	6	48 43.2	125 50.2	81 04 29 21	97	104	X		X	GLDL		
OFF VAN. IS.	7	48 41.2	125 53.0	81 04 29 21	57	64	X		X	GLDL		
OFF VAN. IS.	8	48 39.3	125 55.8	81 04 29 22	58	82	X		X	GLDL		
OFF VAN. IS.	9	48 37.9	125 58.5	81 04 29 23	92	101	X		X	GLDL		
OFF VAN. IS.	10	48 35.2	126 01.4	81 04 30 00	94	110	X		X	GLDL		
OFF VAN. IS.	11	48 33.1	126 04.2	81 04 30 01	133	144	X		X	GLDL		
OFF VAN. IS.	12	48 31.0	126 07.1	81 04 30 02	178	183	X		X	GLDL		
OFF VAN. IS.	13	48 28.8	126 10.0	81 04 30 02	215	248	X		X	GLDL		
OFF VAN. IS.	14	48 26.9	126 12.8	81 04 30 04	248	595	X		X	GLDL		
OFF VAN. IS.	15	48 24.6	126 15.8	81 04 30 04	253	911	X		X	GLDL		
OFF VAN. IS.	16	48 15.0	125 40.0	81 05 01 15	241	320	X		X	GLDL		
OFF VAN. IS.	17	48 15.0	125 30.0	81 05 01 16	133	135	X		X	GLDL		
OFF VAN. IS.	18	48 15.0	125 20.0	81 05 01 17	83	92	X		X	GLDL		
OFF VAN. IS.	19	48 15.0	125 12.5	81 05 01 18	221	220	X		X	GLDL		
OFF VAN. IS.	20	48 15.0	125 06.0	81 05 01 19	93	111	X		X	GLDL		
OFF VAN. IS.	21	48 15.0	125 01.0	81 05 01 20	247	348	X		X	GLDL		
OFF VAN. IS.	22	48 15.0	124 54.0	81 05 01 21	70	73	X		X	GLDL		
OFF VAN. IS.	23	48 20.0	125 00.0	81 05 01 22	222	220	X		X	GLDL		
OFF VAN. IS.	24	48 20.0	125 10.0	81 05 01 23	142	186	X		X	GLDL		
OFF VAN. IS.	25	48 25.0	125 14.0	81 05 02 01	166	180	X		X	GLDL		
OFF VAN. IS.	26	48 26.5	125 03.0	81 05 02 03	152	177	X		X	GLDL		
OFF VAN. IS.	27	48 25.0	125 00.0	81 05 02 03	228	247	X		X	GLDL		
OFF VAN. IS.	28	48 25.0	124 52.0	81 05 02 04	245	293	X		X	GLDL		
OFF VAN. IS.	29	48 08.5	126 00.0	81 05 03 13	245	1110	X		X	GLDL		
OFF VAN. IS.	30	48 10.6	125 56.2	81 05 03 14	252	1000	X		X	GLDL		
OFF VAN. IS.	31	48 12.9	125 52.0	81 05 03 15	237	530	X		X	GLDL		
OFF VAN. IS.	32	48 15.1	125 52.0	81 05 03 16	203	206	X		X	GLDL		
OFF VAN. IS.	33	48 18.6	125 41.2	81 05 03 17	142	148	X		X	GLDL		
OFF VAN. IS.	34	48 22.0	125 34.7	81 05 03 18	134	143	X		X	GLDL		
OFF VAN. IS.	35	48 25.5	125 28.3	81 05 03 22	124	128	X		X	GLDL		
OFF VAN. IS.	36	48 28.9	125 21.8	81 05 03 23	134	146	X		X	GLDL		
OFF VAN. IS.	37	48 32.2	125 15.5	81 05 04 01	105	106	X		X	GLDL		
OFF VAN. IS.	38	48 35.6	125 09.0	81 05 04 02	84	104	X		X	GLDL		
OFF VAN. IS.	39	48 39.0	125 02.5	81 05 04 02	46	51	X		X	GLDL		
OFF VAN. IS.	40	48 34.0	125 22.0	81 05 04 19	154	159	X		X	GLDL		
OFF VAN. IS.	41	48 43.0	125 38.5	81 05 05 13	181	192	X		X	GLDL		
OFF VAN. IS.	42	48 16.0	125 33.6	81 05 06 12	135	137	X		X	GLDL		
OFF VAN. IS.	43	48 20.5	125 27.6	81 05 06 13	121	128	X		X	GLDL		
OFF VAN. IS.	44	48 22.5	125 25.0	81 05 06 14	168	176	X		X	GLDL		
OFF VAN. IS.	45	48 26.8	125 14.3	81 05 06 16	148	164	X		X	GLDL		

OFF VAN. IS.	46	48 28.9	125 16.6	81 05 06 18	147	150	X		X	GLDL		
OFF VAN. IS.	47	48 33.0	125 11.2	81 05 06 19	77	102	X		X	GLDL		
OFF VAN. IS.	48	48 20.0	125 00.0	81 05 06 21	254	270	X		X	GLDL		
OFF VAN. IS.	49	48 22.4	125 11.2	81 05 06 23	163	173	X		X	GLDL		
OFF VAN. IS.	50	48 23.6	125 16.8	81 05 07 00	99	111	X		X	GLDL		
OFF VAN. IS.	51	48 24.8	125 22.2	81 05 06 15	156	172	X		X	GLDL		
OFF VAN. IS.	52	48 25.8	125 27.6	81 05 07 01	143	159	X		X	GLDL		
OFF VAN. IS.	53	48 27.1	125 33.8	81 05 07 02	98	104	X		X	GLDL		
OFF VAN. IS.	54	48 30.0	125 43.3	81 05 07 04	79	91	X		X	GLDL		
OFF VAN. IS.	55	48 30.8	124 40.0	81 05 08 04	208	212	X		X	GLDL		
OFF VAN. IS.	56	48 25.4	124 20.0	81 05 08 06	192	195	X		X	GLDL		
OFF VAN. IS.	57	48 20.0	124 00.0	81 05 08 07	123	153	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0078
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	P 1	48 34.5	125 30.0	81 08 18 13			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.0	81 08 18 16			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	81 08 18 17			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	81 08 18 19			X		X	GLDL		
B.C. OFFSHORE	P 5	48 43.5	127 10.0	81 08 18 23			X		X	GLDL		
B.C. OFFSHORE	A 1	49 0.0	126 11.7	81 08 19 08			X		X	GLDL		
B.C. OFFSHORE	A 2	48 48.1	126 25.2	81 08 19 11			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	81 08 19 12			X		X	GLDL		
B.C. OFFSHORE	A 4	48 30.2	126 52.5	81 08 19 14			X		X	GLDL		
B.C. OFFSHORE	A 5	48 20.2	127 6.0	81 08 19 15			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.5	127 40.0	81 08 19 19			X		X	GLDL		
B.C. OFFSHORE	P 7	48 46.5	128 10.0	81 08 20			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	81 08 20 02			X		X	GLDL		
B.C. OFFSHORE	P 9	48 51.4	129 10.0	81 08 20 06			X		X	GLDL		
B.C. OFFSHORE	P10	48 53.5	129 40.0	81 08 20 09			X		X	GLDL		
B.C. OFFSHORE	P11	48 56.0	130 10.0	81 08 20 13			X		X	GLDL		
B.C. OFFSHORE	P12	48 58.1	130 40.0	81 08 20 15			X		X	GLDL		
B.C. OFFSHORE	P13	49 2.5	131 40.0	81 08 20 21			X		X	GLDL		
B.C. OFFSHORE	P14	49 7.3	132 40.0	81 08 21 04			X		X	GLDL		
B.C. OFFSHORE	P15	49 12.0	133 40.0	81 08 21 12			X		X	GLDL		
B.C. OFFSHORE	R11	51 15.0	136 40.0	81 08 25 17			X		X	GLDL		
B.C. OFFSHORE	R 9	51 19.0	135 15.0	81 08 25 22			X		X	GLDL		
B.C. OFFSHORE	J 5	51 27.5	133 24.0	81 08 26 09			X		X	GLDL		
B.C. OFFSHORE	J 4	51 35.5	132 6.5	81 08 26 12			X		X	GLDL		
B.C. OFFSHORE	J 3	51 43.0	131 50.0	81 08 26 13			X		X	GLDL		
B.C. OFFSHORE	J 2	51 51.5	131 32.0	81 08 26 15			X		X	GLDL		
B.C. OFFSHORE	J 1	52 0.0	131 14.0	81 08 26 17			X		X	GLDL		
B.C. OFFSHORE	88	51 41.6	131 13.7	81 08 26 19			X		X	GLDL		
B.C. OFFSHORE	I 3	51 23.2	131 13.8	81 08 26 21			X		X	GLDL		
B.C. OFFSHORE	89	51 3.1	131 11.2	81 08 27			X		X	GLDL		
B.C. OFFSHORE	H 5	50 43.0	131 8.2	81 08 27 02			X		X	GLDL		
B.C. OFFSHORE	G 5	50 24.5	130 37.3	81 08 27 05			X		X	GLDL		
B.C. OFFSHORE	F 5	50 6.0	130 6.6	81 08 27 08			X		X	GLDL		
B.C. OFFSHORE	E 5	49 47.8	129 36.0	81 08 27 12			X		X	GLDL		
B.C. OFFSHORE	D 5	49 26.0	128 56.0	81 08 27 16			X		X	GLDL		
B.C. OFFSHORE	C 5	49 3.8	128 19.4	81 08 27 19			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.5	127 40.0	81 08 27 23			X		X	GLDL		
B.C. OFFSHORE	P 5	48 43.5	127 10.0	81 08 28 01			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	81 08 28 03			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	81 08 28 05			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.0	81 08 28 07			X		X	GLDL		
B.C. OFFSHORE	P 1	48 34.5	125 30.0	81 08 28 08			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0079
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
B.C. OFFSHORE	P 1	48	34.0	125	30.0	81	10	20	03			X		X	GLDL		
B.C. OFFSHORE	P 2	48	36.0	126	0.0	81	10	20	05			X		X	GLDL		
B.C. OFFSHORE	P 3	48	37.5	126	20.0	81	10	20	07			X		X	GLDL		
B.C. OFFSHORE	P 4	48	39.0	126	40.0	81	10	20	10			X		X	GLDL		
B.C. OFFSHORE	P 5	48	43.6	126	40.0	81	10	20	13			X		X	GLDL		
B.C. OFFSHORE	P 5	48	43.6	127	10.0	81	10	20	19			X		X	GLDL		
B.C. OFFSHORE	P 6	48	44.6	127	40.0	81	10	20	22			X		X	GLDL		
B.C. OFFSHORE	P 7	48	48.6	128	10.0	81	10	21				X		X	GLDL		
B.C. OFFSHORE	P 8	48	49.0	128	40.0	81	10	21	03			X		X	GLDL		
B.C. OFFSHORE	P 9	48	51.4	129	10.0	81	10	21	05			X		X	GLDL		
B.C. OFFSHORE	P10	48	53.6	129	40.0	81	10	21	08			X		X	GLDL		
B.C. OFFSHORE	P11	48	56.0	130	10.0	81	10	21	10			X		X	GLDL		
B.C. OFFSHORE	P12	48	58.2	130	40.0	81	10	21	13			X		X	GLDL		
B.C. OFFSHORE	P13	49	2.6	131	40.0	81	10	21	20			X		X	GLDL		
B.C. OFFSHORE	P14	49	7.4	132	40.0	81	10	21	23			X		X	GLDL		
B.C. OFFSHORE	P15	49	12.0	133	40.0	81	10	22	03			X		X	GLDL		
B.C. OFFSHORE	R11	51	15.0	136	40.3	81	10	26	09			X		X	GLDL		
B.C. OFFSHORE	R10	51	17.0	135	57.6	81	10	26	12			X		X	GLDL		
B.C. OFFSHORE	R 9	51	19.0	135	15.0	81	10	26	15			X		X	GLDL		
B.C. OFFSHORE	R 8	51	21.2	134	32.7	81	10	26	17			X		X	GLDL		
B.C. OFFSHORE	R 7	51	23.5	133	49.6	81	10	26	22			X		X	GLDL		
B.C. OFFSHORE	R 6	51	25.5	133	6.6	81	10	27	01			X		X	GLDL		
B.C. OFFSHORE	J 5	51	27.5	132	24.0	81	10	27	05			X		X	GLDL		
B.C. OFFSHORE	J 4	51	35.6	132	6.5	81	10	27	07			X		X	GLDL		
B.C. OFFSHORE	J 3	51	43.5	132	50.0	81	10	27	09			X		X	GLDL		
B.C. OFFSHORE	J 2	51	51.6	131	32.0	81	10	27	10			X		X	GLDL		
B.C. OFFSHORE	J 1	52	0.0	131	14.0	81	10	27	12			X		X	GLDL		
B.C. OFFSHORE	088	51	41.7	131	13.7	81	10	27	14			X		X	GLDL		
B.C. OFFSHORE	I 3	51	23.2	131	13.9	81	10	27	16			X		X	GLDL		
B.C. OFFSHORE	089	51	3.2	131	11.2	81	10	27	20			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 81-0095
YEAR:1981 VESSEL/AGENCY: EPS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
RUPERT INLET	10					81	09	21	15			X		X	PLES		
RUPERT INLET	09	50	36.4	127	31.3	81	09	21	16			X		X	PLES		
RUPERT INLET	05	50	35.1	127	29.5	81	09	21	16			X		X	PLES		
RUPERT INLET	06	50	35.1	127	29.5	81	09	21	16			X		X	PLES		
RUPERT INLET	07	50	34.6	127	35.7	81	09	21	17			X		X	PLES		
RUPERT INLET	07	50	34.6	127	35.7	81	09	21	17			X		X	PLES		
RUPERT INLET	08	50	34.9	127	27.5	81	09	21	18			X		X	PLES		
RUPERT INLET	04	50	35.3	127	29.5	81	09	21	18			X		X	PLES		
RUPERT INLET	03	50	35.5	127	29.5	81	09	21	19			X		X	PLES		
RUPERT INLET	01	50	35.4	127	26.4	81	09	21	19			X		X	PLES		
QUATSINO SOUND	14	50	32.1	127	35.6	81	09	21	20			X		X	PLES		
QUATSINO SOUND	15	50	31.5	127	37.6	81	09	21	21			X		X	PLES		
QUATSINO SOUND	16	50	31.1	127	40.9	81	09	21	21			X		X	PLES		
QUATSINO SOUND	17	50	30.0	127	42.9	81	09	21	22			X		X	PLES		
QUATSINO SOUND	19	50	30.2	127	38.4	81	09	21	22			X		X	PLES		
QUATSINO SOUND	18	50	35.2	127	36.7	81	09	21	23			X		X	PLES		
HOLBERG INLET	13	50	35.5	127	34.7	81	09	22	17			X		X	PLES		
HOLBERG INLET	12	50	35.2	127	36.7	81	09	22	18			X		X	PLES		
HOLBERG INLET	11	50	34.4	127	34.5	81	09	22	20			X		X	PLES		
RUPERT INLET	09	50	34.6	127	31.3	81	09	22	20			X		X	PLES		

BOTTLE/CTD DATA SET NUMBER: 82-0065
YEAR:1982 VESSEL/AGENCY: EPS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
TASU SOUND	03	52	45.6	132	04.7	82	04	25	16	276	365	X		X	PLES		
TASU SOUND	16	52	45.1	132	00.3	82	04	26	03	178	183	X		X	PLES		
TASU SOUND	04	52	46.2	132	04.7	82	04	26	17	208	210	X		X	PLES		
TASU SOUND	01	52	45.7	132	03.9	82	04	26	18	158	161	X		X	PLES		
TASU SOUND	07	52	46.2	132	04.7	82	04	26	18	188	203	X		X	PLES		
TASU SOUND	06	52	46.9	132	03.9	82	04	26	19	90	102	X		X	PLES		
TASU SOUND	12	52	48.5	132	03.1	82	04	26	20	66	67	X		X	PLES		
TASU SOUND	11	52	47.1	132	02.7	82	04	26	21	129	133	X		X	PLES		
TASU SOUND	10	52	46.6	132	02.7	82	04	26	21	159	168	X		X	PLES		
TASU SOUND	09	52	46.3	132	02.7	82	04	26	22	69	77	X		X	PLES		
TASU SOUND	14	52	46.3	132	02.2	82	04	26	22	68	75	X		X	PLES		
TASU SOUND	15	52	46.1	132	01.7	82	04	26	23	69	76	X		X	PLES		
TASU SOUND	17	52	46.9	132	01.4	82	04	26	23	119	121	X		X	PLES		
TASU SOUND	18	52	47.1	131	59.5	82	04	26	23	89	113	X		X	PLES		

BOTTLE/CTD DATA SET NUMBER: 82-0070
YEAR:1982 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
B.C. OFFSHORE	P 1	48	34.5	125	30.0	82	01	19	00			X		X	GLDL		
B.C. OFFSHORE	P 2	48	36.0	126	0.0	82	01	19	03			X		X	GLDL		
B.C. OFFSHORE	P 3	48	37.5	126	20.0	82	01	19	04			X		X	GLDL		
B.C. OFFSHORE	P 4	48	39.0	126	40.0	82	01	19	06			X		X	GLDL		
B.C. OFFSHORE	P 5	48	43.6	127	10.0	82	01	19	10			X		X	GLDL		
B.C. OFFSHORE	P 6	48	44.6	127	40.0	82	01	19	13			X		X	GLDL		
B.C. OFFSHORE	P 7	48	46.6	128	10.0	82	01	19	16			X		X	GLDL		
B.C. OFFSHORE	P 8	48	49.0	128	40.0	82	01	19	18			X		X	GLDL		
B.C. OFFSHORE	P 9	48	51.4	129	10.0	82	01	19	22			X		X	GLDL		
B.C. OFFSHORE	P10	48	53.6	129	40.0	82	01	20	01			X		X	GLDL		
B.C. OFFSHORE	P11	48	56.0	130	10.0	82	01	20	04			X		X	GLDL		
B.C. OFFSHORE	P12	48	58.2	130	40.0	82	01	20	06			X		X	GLDL		
B.C. OFFSHORE	P13	49	2.6	131	40.0	82	01	20	16			X		X	GLDL		
B.C. OFFSHORE	P14	49	7.4	132	40.0	82	01	20	22			X		X	GLDL		
B.C. OFFSHORE	P15	49	12.0	133	40.0	82	01	21	03			X		X	GLDL		
B.C. OFFSHORE	R11	51	15.0	136	40.3	82	01	26	13			X		X	GLDL		
B.C. OFFSHORE	R10	51	17.0	135	57.6	82	01	26	16			X		X	GLDL		
B.C. OFFSHORE	R 9	51	19.0	135	15.0	82	01	26	19			X		X	GLDL		
B.C. OFFSHORE	R 8	51	21.2	134	32.7	82	01	26	22			X		X	GLDL		
B.C. OFFSHORE	R 7	51	23.5	133	49.6	82	01	27	01			X		X	GLDL		
B.C. OFFSHORE	R 6	51	25.5	133	6.6	82	01	27	04			X		X	GLDL		
B.C. OFFSHORE	J 5	51	27.5	132	24.0	82	01	27	07			X		X	GLDL		
B.C. OFFSHORE	J 4	51	35.6	132	6.5	82	01	27	09			X		X	GLDL		
B.C. OFFSHORE	J 3	51	43.5	131	50.0	82	01	27	11			X		X	GLDL		
B.C. OFFSHORE	J 2	51	51.0	131	32.0	82	01	27	14			X		X	GLDL		
B.C. OFFSHORE	J 1	52	0.0	131	14.0	82	01	27	15			X		X	GLDL		
B.C. OFFSHORE	E 5	49	47.8	129	36.0	82	01	28	04			X		X	GLDL		
B.C. OFFSHORE	D 6	49	16.0	129	9.0	82	01	28	08			X		X	GLDL		
B.C. OFFSHORE	P 8	48	49.0	128	40.0	82	01	28	12			X		X	GLDL		
B.C. OFFSHORE	B 7	48	21.6	128	9.5	82	01	28	15			X		X	GLDL		
B.C. OFFSHORE	B 6	48	31.6	127	56.2	82	01	28	17			X		X	GLDL		
B.C. OFFSHORE	P 6	48	44.6	127	40.0	82	01	28	19			X		X	GLDL		
B.C. OFFSHORE	B 4	48	51.0	127	27.8	82	01	28	20			X		X	GLDL		
B.C. OFFSHORE	B 3	49	1.0	127	15.2	82	01	28	22			X		X	GLDL		
B.C. OFFSHORE	B 2	49	12.0	127	1.7	82	01	29	01			X		X	GLDL		
B.C. OFFSHORE	B 1	49	21.9	126	47.7	82	01	29	02			X		X	GLDL		
B.C. OFFSHORE	A 1	49	0.0	126	11.7	82	01	29	06			X		X	GLDL		
B.C. OFFSHORE	A 2	48	48.2	126	25.3	82	01	29	07			X		X	GLDL		
B.C. OFFSHORE	P 4	48	39.0	126	40.0	82	01	29	09			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 82-0071
YEAR:1982 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	P 1	48 34.5	125 30.0	82 05 04 14			X		X	GLDL		
B.C. OFFSHORE	P 2	48 30.0	126 0.0	82 05 04 16			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 05 04 19			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	82 05 04 21			X		X	GLDL		
B.C. OFFSHORE	P 5	48 43.6	127 10.0	82 05 05 01			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	82 05 05 04			X		X	GLDL		
B.C. OFFSHORE	P 7	48 46.6	128 10.0	82 05 05 08			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	82 05 05 10			X		X	GLDL		
B.C. OFFSHORE	P 9	48 51.4	129 10.0	82 05 05 14			X		X	GLDL		
B.C. OFFSHORE	P10	48 53.6	129 40.0	82 05 05 17			X		X	GLDL		
B.C. OFFSHORE	P11	48 56.0	130 10.0	82 05 05 19			X		X	GLDL		
B.C. OFFSHORE	P15	48 58.2	130 40.0	82 05 05 22			X		X	GLDL		
B.C. OFFSHORE	P13	49 2.6	131 40.0	82 05 06 04			X		X	GLDL		
B.C. OFFSHORE	P14	49 7.4	132 40.0	82 05 06 10			X		X	GLDL		
B.C. OFFSHORE	P15	49 12.0	133 40.0	82 05 06 17			X		X	GLDL		
B.C. OFFSHORE	R11	51 15.0	136 40.3	82 05 11 04			X		X	GLDL		
B.C. OFFSHORE	R10	51 17.0	135 57.6	82 05 11 07			X		X	GLDL		
B.C. OFFSHORE	R 9	51 19.0	135 15.0	82 05 11 10			X		X	GLDL		
B.C. OFFSHORE	R 8	51 21.2	134 32.7	82 05 11 13			X		X	GLDL		
B.C. OFFSHORE	R 7	51 23.5	133 49.6	82 05 11 16			X		X	GLDL		
B.C. OFFSHORE	R 6	51 25.5	133 6.6	82 05 11 19			X		X	GLDL		
B.C. OFFSHORE	J 5	51 27.5	132 24.0	82 05 11 22			X		X	GLDL		
B.C. OFFSHORE	J 4	51 35.6	132 6.5	82 05 12 00			X		X	GLDL		
B.C. OFFSHORE	J 3	51 43.5	131 50.0	82 05 12 01			X		X	GLDL		
B.C. OFFSHORE	J 2	51 51.6	131 32.0	82 05 12 04			X		X	GLDL		
B.C. OFFSHORE	J 1	52 0.0	131 14.0	82 05 12 06			X		X	GLDL		
B.C. OFFSHORE	B 7	48 21.6	128 9.5	82 05 13 07			X		X	GLDL		
B.C. OFFSHORE	B 6	48 31.6	127 56.2	82 05 13 09			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	82 05 13 11			X		X	GLDL		
B.C. OFFSHORE	B 4	48 51.7	127 28.8	82 05 13 12			X		X	GLDL		
B.C. OFFSHORE	B 3	49 1.0	127 15.2	82 05 13 14			X		X	GLDL		
B.C. OFFSHORE	B 2	49 12.0	127 1.7	82 05 13 17			X		X	GLDL		
B.C. OFFSHORE	B 1	49 21.1	126 47.8	82 05 13 18			X		X	GLDL		
B.C. OFFSHORE	A 1	49 0.0	126 11.7	82 05 13 21			X		X	GLDL		
B.C. OFFSHORE	P 1	48 34.5	125 30.0	82 05 14 00			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 82-0072
YEAR:1982 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	P 1	48 34.5	125 30.0	82 07 12 18			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.0	82 07 12 20			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 07 12 21			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	82 07 12 23			X		X	GLDL		
B.C. OFFSHORE	P 5	48 43.6	127 10.0	82 07 13 03			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	82 07 13 05			X		X	GLDL		
B.C. OFFSHORE	P 7	48 46.6	128 10.0	82 07 13 09			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	82 07 13 12			X		X	GLDL		
B.C. OFFSHORE	P 9	48 51.4	129 10.0	82 07 13 15			X		X	GLDL		
B.C. OFFSHORE	P10	48 53.6	129 40.0	82 07 13 18			X		X	GLDL		
B.C. OFFSHORE	P11	48 56.0	130 10.0	82 07 13 21			X		X	GLDL		
B.C. OFFSHORE	P12	48 58.2	130 40.0	82 07 14 00			X		X	GLDL		
B.C. OFFSHORE	P13	49 2.6	131 40.0	82 07 14 05			X		X	GLDL		
B.C. OFFSHORE	P14	49 7.4	132 40.0	82 07 14 11			X		X	GLDL		
B.C. OFFSHORE	P15	49 12.0	133 40.2	82 07 14 17			X		X	GLDL		
B.C. OFFSHORE	R11	51 15.0	136 40.3	82 07 18 18			X		X	GLDL		
B.C. OFFSHORE	R10	51 17.0	135 57.6	82 07 18 21			X		X	GLDL		
B.C. OFFSHORE	R 9	51 19.0	135 15.0	82 07 18 24			X		X	GLDL		
B.C. OFFSHORE	R 8	51 21.2	134 32.7	82 07 19 02			X		X	GLDL		
B.C. OFFSHORE	R 7	51 23.5	133 49.6	82 07 19 05			X		X	GLDL		
B.C. OFFSHORE	R 6	51 25.5	133 6.6	82 07 19 08			X		X	GLDL		

B.C. OFFSHORE	J 5	51 27.5	132 24.0	82 07 19 11			X		X	GLDL		
B.C. OFFSHORE	J 4	51 35.6	132 6.5	82 07 19 13			X		X	GLDL		
B.C. OFFSHORE	J 3	51 43.5	131 50.0	82 07 19 14			X		X	GLDL		
B.C. OFFSHORE	J 2	51 51.6	131 32.0	82 07 19 18			X		X	GLDL		
B.C. OFFSHORE	J 1	52 0.0	131 10.3	82 07 19 20			X		X	GLDL		
B.C. OFFSHORE	B 7	48 21.6	128 9.5	82 07 20 22			X		X	GLDL		
B.C. OFFSHORE	B 6	48 31.6	127 56.2	82 07 20 23			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.0	127 40.0	82 07 21 02			X		X	GLDL		
B.C. OFFSHORE	B 4	48 51.7	127 28.8	82 07 21 03			X		X	GLDL		
B.C. OFFSHORE	B 3	49 1.0	127 28.8	82 07 21 05			X		X	GLDL		
B.C. OFFSHORE	B 2	49 12.0	127 1.7	82 07 21 08			X		X	GLDL		
B.C. OFFSHORE	B 1	49 21.9	126 47.7	82 07 21 10			X		X	GLDL		
B.C. OFFSHORE	A 1	49 0.0	126 11.7	82 07 21 13			X		X	GLDL		
B.C. OFFSHORE	A 2	48 48.2	126 25.3	82 07 21 14			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	82 07 21 16			X		X	GLDL		
B.C. OFFSHORE	A 4	48 30.2	126 52.5	82 07 21 17			X		X	GLDL		
B.C. OFFSHORE	A 5	48 30.2	126 52.5	82 07 21 19			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 07 21 23			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.9	82 07 22 00			X		X	GLDL		
B.C. OFFSHORE	P 1	48 34.5	125 30.0	82 07 22 02			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 82-0073
YEAR:1982 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	P 1	48 34.5	125 30.0	82 09 17 12			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.0	82 09 17 14			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 09 17 15			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	82 09 17 17			X		X	GLDL		
B.C. OFFSHORE	P 5	48 43.6	127 10.0	82 09 17 21			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	82 09 17 23			X		X	GLDL		
B.C. OFFSHORE	P 7	48 46.6	128 10.0	82 09 18 03			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	82 09 18 06			X		X	GLDL		
B.C. OFFSHORE	P 9	48 51.4	129 10.0	82 09 18 10			X		X	GLDL		
B.C. OFFSHORE	P10	48 53.6	129 40.0	82 09 18 12			X		X	GLDL		
B.C. OFFSHORE	P11	48 56.0	130 10.0	82 09 18 15			X		X	GLDL		
B.C. OFFSHORE	P12	48 58.2	130 40.0	82 09 18 17			X		X	GLDL		
B.C. OFFSHORE	P13	49 2.6	130 40.0	82 09 18 22			X		X	GLDL		
B.C. OFFSHORE	P14	49 7.4	132 40.0	82 09 19 03			X		X	GLDL		
B.C. OFFSHORE	P15	49 12.0	133 40.0	82 09 19 09			X		X	GLDL		
B.C. OFFSHORE	R11	51 15.0	136 40.3	82 09 27 13			X		X	GLDL		
B.C. OFFSHORE	R10	51 17.0	135 57.6	82 09 27 16			X		X	GLDL		
B.C. OFFSHORE	R 9	51 19.0	135 15.0	82 09 27 19			X		X	GLDL		
B.C. OFFSHORE	R 8	51 21.2	134 32.7	82 09 27 22			X		X	GLDL		
B.C. OFFSHORE	R 7	51 23.5	133 49.6	82 09 28 01			X		X	GLDL		
B.C. OFFSHORE	R 6	51 25.5	133 6.6	82 09 28 04			X		X	GLDL		
B.C. OFFSHORE	J 5	51 27.5	132 24.0	82 09 28 07			X		X	GLDL		
B.C. OFFSHORE	J 4	51 35.6	132 6.5	82 09 28 09			X		X	GLDL		
B.C. OFFSHORE	J 3	51 43.5	131 50.0	82 09 28 11			X		X	GLDL		
B.C. OFFSHORE	J 2	51 51.6	131 32.0	82 09 28 13			X		X	GLDL		
B.C. OFFSHORE	J 1	52 0.0	131 14.0	82 09 28 15			X		X	GLDL		
B.C. OFFSHORE	A 1	49 0.0	126 11.6	82 09 29 16			X		X	GLDL		
B.C. OFFSHORE	A 2	48 48.2	126 25.3	82 09 29 21			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	82 09 29 23			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 09 30 01			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.9	82 09 30 03			X		X	GLDL		
B.C. OFFSHORE	P 1	48 34.5	125 30.0	82 09 30 05			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 82-0074
YEAR:1982 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	P 1	48 34.5	125 30.0	82 03 15 23			X		X	GLDL		

B.C. OFFSHORE	P 2	48 36.0	126 0.0	82 03 16 01			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 03 16 03			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	82 03 16 04			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	125 40.0	82 03 16 08			X		X	GLDL		
B.C. OFFSHORE	P 5	48 43.6	127 10.0	82 03 16 10			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	82 03 16 13			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	82 03 16 16			X		X	GLDL		
B.C. OFFSHORE	P 7	48 46.6	128 10.0	82 03 16 19			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	82 03 16 21			X		X	GLDL		
B.C. OFFSHORE	P 9	48 51.4	129 10.0	82 03 17 01			X		X	GLDL		
B.C. OFFSHORE	P10	48 53.6	129 40.0	82 03 17 04			X		X	GLDL		
B.C. OFFSHORE	P11	48 56.0	130 10.0	82 03 17 09			X		X	GLDL		
B.C. OFFSHORE	P12	48 58.2	130 40.0	82 03 17 11			X		X	GLDL		
B.C. OFFSHORE	P13	49 2.6	131 40.0	82 03 17 18			X		X	GLDL		
B.C. OFFSHORE	P14	49 7.4	132 40.0	82 03 17 23			X		X	GLDL		
B.C. OFFSHORE	P15	49 12.0	133 40.0	82 03 18 03			X		X	GLDL		
B.C. OFFSHORE	R11	51 15.0	136 40.3	82 03 22 13			X		X	GLDL		
B.C. OFFSHORE	R10	51 17.0	135 57.6	82 03 22 16			X		X	GLDL		
B.C. OFFSHORE	R 9	51 19.0	135 15.0	82 03 22 19			X		X	GLDL		
B.C. OFFSHORE	R 8	51 21.2	134 32.7	82 03 22 23			X		X	GLDL		
B.C. OFFSHORE	R 7	51 23.5	133 49.6	82 03 23 02			X		X	GLDL		
B.C. OFFSHORE	R 6	51 25.5	133 6.6	82 03 23 05			X		X	GLDL		
B.C. OFFSHORE	J 5	51 27.5	132 24.0	82 03 23 08			X		X	GLDL		
B.C. OFFSHORE	J 4	51 35.6	132 6.5	82 03 23 10			X		X	GLDL		
B.C. OFFSHORE	J 3	51 43.5	131 50.0	82 03 23 12			X		X	GLDL		
B.C. OFFSHORE	J 2	51 51.6	131 32.0	82 03 23 15			X		X	GLDL		
B.C. OFFSHORE	J 1	52 0.0	131 14.0	82 03 23 17			X		X	GLDL		
B.C. OFFSHORE	J 0	52 2.0	131 10.3	82 03 23 17			X		X	GLDL		
B.C. OFFSHORE	88	51 41.7	131 13.7	82 03 24 03			X		X	GLDL		
B.C. OFFSHORE	I 3	51 23.2	131 13.9	82 03 24 05			X		X	GLDL		
B.C. OFFSHORE	89	51 3.2	131 11.2	82 03 24 08			X		X	GLDL		
B.C. OFFSHORE	H 5	50 43.0	131 8.3	82 03 24 10			X		X	GLDL		
B.C. OFFSHORE	G 5	50 24.6	130 37.3	82 03 24 13			X		X	GLDL		
B.C. OFFSHORE	F 5	50 6.0	130 6.7	82 03 24 17			X		X	GLDL		
B.C. OFFSHORE	E 5	49 47.8	129 36.0	82 03 24 20			X		X	GLDL		
B.C. OFFSHORE	D 5	49 16.0	129 36.0	82 03 25 01			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	82 03 25 05			X		X	GLDL		
B.C. OFFSHORE	B 7	48 21.6	128 9.5	82 03 25 09			X		X	GLDL		
B.C. OFFSHORE	B 6	48 31.6	127 56.2	82 03 25 11			X		X	GLDL		
B.C. OFFSHORE	P 6	48 40.0	127 40.0	82 03 25 13			X		X	GLDL		
B.C. OFFSHORE	B 4	48 51.7	127 28.8	82 03 25 14			X		X	GLDL		
B.C. OFFSHORE	B 3	49 1.0	127 15.2	82 03 25 16			X		X	GLDL		
B.C. OFFSHORE	B 2	49 12.0	3 27.0	82 03 25 20			X		X	GLDL		
B.C. OFFSHORE	B 1	49 21.9	126 47.7	82 03 25 21			X		X	GLDL		
B.C. OFFSHORE	A 1	49 0.0	126 11.7	82 03 26 00			X		X	GLDL		
B.C. OFFSHORE	A 2	48 48.2	126 25.3	82 03 26 03			X		X	GLDL		
B.C. OFFSHORE	P 4	49 8.0	126 40.0	82 03 26 04			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 03 26 06			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.9	82 03 26 08			X		X	GLDL		
B.C. OFFSHORE	P 1	48 36.0	125 30.0	82 03 26 10			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 82-0075
YEAR:1982 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	P 1	48 34.5	125 30.0	82 11 24 06			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.0	82 11 24 08			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 11 24 09			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	82 11 24 13			X		X	GLDL		
B.C. OFFSHORE	P 5	48 43.6	127 10.0	82 11 24 16			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	82 11 24 18			X		X	GLDL		
B.C. OFFSHORE	P 7	48 46.6	128 10.0	82 11 24 22			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	82 11 25 00			X		X	GLDL		
B.C. OFFSHORE	P 9	48 51.4	129 10.0	82 11 25 06			X		X	GLDL		
B.C. OFFSHORE	P10	48 53.6	129 40.0	82 11 25 09			X		X	GLDL		
B.C. OFFSHORE	P11	48 56.2	130 9.9	82 11 25 11			X		X	GLDL		
B.C. OFFSHORE	P12	48 58.2	130 40.0	82 11 25 14			X		X	GLDL		
B.C. OFFSHORE	P13	49 2.6	131 40.0	82 11 25 22			X		X	GLDL		
B.C. OFFSHORE	P14	49 7.4	132 40.0	82 11 26 02			X		X	GLDL		
B.C. OFFSHORE	P15	49 12.0	133 40.0	82 11 26 09			X		X	GLDL		
B.C. OFFSHORE	R11	51 15.0	136 49.0	82 11 30 21			X		X	GLDL		
B.C. OFFSHORE	R10	51 17.0	135 57.6	82 11 30 23			X		X	GLDL		
B.C. OFFSHORE	R 9	51 19.0	135 15.0	82 12 01 02			X		X	GLDL		

B.C. OFFSHORE	R 8	51 21.2	134 32.7	82 12 01 06			X		X	GLDL
B.C. OFFSHORE	R 7	51 23.5	134 32.7	82 12 01 09			X		X	GLDL
B.C. OFFSHORE	R 6	51 25.5	133 6.0	82 12 01 12			X		X	GLDL
B.C. OFFSHORE	J 5	51 27.5	132 24.0	82 12 01 15			X		X	GLDL
B.C. OFFSHORE	J 4	51 35.6	132 6.5	82 12 01 17			X		X	GLDL
B.C. OFFSHORE	J 3	51 43.5	131 50.0	82 12 01 19			X		X	GLDL
B.C. OFFSHORE	J 2	51 51.6	131 32.0	82 12 01 22			X		X	GLDL
B.C. OFFSHORE	J 1	52 0.0	131 14.0	82 12 02 00			X		X	GLDL
B.C. OFFSHORE	88	51 41.7	131 30.7	82 12 02 19			X		X	GLDL
B.C. OFFSHORE	I 3	51 23.2	131 13.9	82 12 02 22			X		X	GLDL
B.C. OFFSHORE	89	51 3.2	131 11.2	82 12 03 00			X		X	GLDL
B.C. OFFSHORE	H 5	50 43.0	131 8.3	82 12 03 02			X		X	GLDL
B.C. OFFSHORE	G 5	50 24.6	130 37.3	82 12 03 05			X		X	GLDL
B.C. OFFSHORE	F 5	50 6.0	130 6.7	82 12 03 08			X		X	GLDL
B.C. OFFSHORE	E 5	49 47.8	129 36.0	82 12 03 11			X		X	GLDL
B.C. OFFSHORE	D 6	49 16.0	129 9.0	82 12 03 15			X		X	GLDL
B.C. OFFSHORE	P 8	48 49.0	128 40.0	82 12 03 19			X		X	GLDL
B.C. OFFSHORE	B 7	48 21.6	129 8.0	82 12 03 22			X		X	GLDL
B.C. OFFSHORE	B 6	48 31.6	127 56.2	82 12 04 00			X		X	GLDL
B.C. OFFSHORE	P 6	48 44.6	127 40.0	82 12 04 02			X		X	GLDL
B.C. OFFSHORE	B 4	48 51.7	127 28.8	82 12 04 04			X		X	GLDL
B.C. OFFSHORE	B 3	49 2.0	127 15.2	82 12 04 06			X		X	GLDL
B.C. OFFSHORE	B 2	49 12.0	121 7.0	82 12 04 08			X		X	GLDL
B.C. OFFSHORE	B 1	49 21.9	126 47.7	82 12 04 10			X		X	GLDL
B.C. OFFSHORE	A 1	49 0.0	126 11.7	82 12 04 15			X		X	GLDL
B.C. OFFSHORE	A 2	48 48.2	126 40.0	82 12 04 17			X		X	GLDL
B.C. OFFSHORE	P 4	48 39.0	126 40.0	82 12 04 19			X		X	GLDL
B.C. OFFSHORE	A 4	48 30.2	126 52.5	82 12 04 20			X		X	GLDL
B.C. OFFSHORE	A 5	48 20.2	127 6.0	82 12 04 22			X		X	GLDL
B.C. OFFSHORE	P 3	48 37.5	126 20.0	82 12 05 03			X		X	GLDL
B.C. OFFSHORE	P 2	48 36.0	126 0.0	82 12 05 05			X		X	GLDL

BOTTLE/CTD DATA SET NUMBER: 83-0001A
YEAR:1983 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
OFF VAN. IS.	1	48 08.5	126 00.0	83 06 29 12	252	1100	X		X	GLDL		
OFF VAN. IS.	2	48 10.6	125 56.2	83 06 29 13	255	915	X		X	GLDL		
OFF VAN. IS.	3	48 12.9	125 52.0	83 06 29 15	207	915	X		X	GLDL		
OFF VAN. IS.	4	48 15.1	125 47.7	83 06 29 17	223	230	X		X	GLDL		
OFF VAN. IS.	5	48 18.6	125 41.2	83 06 29 19	130	152	X		X	GLDL		
OFF VAN. IS.	6	48 22.0	125 34.7	83 06 29 20	150	150	X		X	GLDL		
OFF VAN. IS.	7	48 25.5	125 28.3	83 06 29 20	134	136	X		X	GLDL		
OFF VAN. IS.	8	48 28.9	125 21.8	83 06 29 22	155	157	X		X	GLDL		
OFF VAN. IS.	9	48 32.2	125 15.5	83 06 29 23	94	115	X		X	GLDL		
OFF VAN. IS.	10	48 35.6	125 09.0	83 06 30 00	101	112	X		X	GLDL		
OFF VAN. IS.	11	48 39.0	125 02.5	83 06 30 01	40	54	X		X	GLDL		
OFF VAN. IS.	12	48 53.5	127 29.0	83 07 01 11	204	2000	X		X	GLDL		
OFF VAN. IS.	13	48 59.0	127 19.5	83 07 01 13	257	1800	X		X	GLDL		
OFF VAN. IS.	14	49 04.5	127 11.0	83 07 01 14	252	1032	X		X	GLDL		
OFF VAN. IS.	15	49 10.0	127 02.0	83 07 01 15	194	430	X		X	GLDL		
OFF VAN. IS.	P15	49 10.0	127 02.0	83 07 01 16	54	430	X		X	GLDL		
OFF VAN. IS.	16	49 12.8	126 57.5	83 07 01 17	188	192	X		X	GLDL		
OFF VAN. IS.	17	49 15.5	126 53.0	83 07 01 18	130	135	X		X	GLDL		
OFF VAN. IS.	18	49 18.3	126 48.8	83 07 01 19	123	124	X		X	GLDL		
OFF VAN. IS.	19	49 21.5	126 44.5	83 07 01 20	96	95	X		X	GLDL		
OFF VAN. IS.	20	49 24.0	126 40.0	83 07 01 21	40	43	X		X	GLDL		
OFF VAN. IS.	21	50 00.0	128 43.6	83 07 02 05	254	2000	X		X	GLDL		
OFF VAN. IS.	22	50 04.8	128 36.6	83 07 02 07	254	1500	X		X	GLDL		
OFF VAN. IS.	23	50 08.6	128 29.7	83 07 02 08	243	1200	X		X	GLDL		
OFF VAN. IS.	24	50 12.3	128 23.0	83 07 02 09	255	1000	X		X	GLDL		
OFF VAN. IS.	25	50 16.0	128 16.4	83 07 02 10	256	873	X		X	GLDL		
OFF VAN. IS.	26	50 17.8	128 13.1	83 07 02 11	197	215	X		X	GLDL		
OFF VAN. IS.	27	50 19.6	128 09.9	83 07 02 12	156	158	X		X	GLDL		
OFF VAN. IS.	28	50 21.4	128 06.7	83 07 02 13	100	103	X		X	GLDL		
OFF VAN. IS.	29	50 23.1	128 03.5	83 07 02 13	76	77	X		X	GLDL		
OFF VAN. IS.	30	50 49.8	128 28.2	83 07 02 18	36	38	X		X	GLDL		
OFF VAN. IS.	31	50 52.2	128 29.4	83 07 02 19	53	52	X		X	GLDL		
OFF VAN. IS.	32	50 54.6	128 35.5	83 07 02 20	62	63	X		X	GLDL		
OFF VAN. IS.	33	50 57.0	128 41.6	83 07 02 21	82	82	X		X	GLDL		
OFF VAN. IS.	34	50 59.5	128 47.6	83 07 02 22	68	70	X		X	GLDL		
OFF VAN. IS.	35	51 02.1	128 53.5	83 07 02 23	65	64	X		X	GLDL		
OFF VAN. IS.	36	51 04.7	128 59.4	83 07 03 00	104	103	X		X	GLDL		

OFF VAN. IS.	37	51	07.3	129	05.2	83	07	03	01	140	140	X		X	GLDL		
OFF VAN. IS.	38	51	10.0	129	11.0	83	07	03	02	174	178	X		X	GLDL		
OFF VAN. IS.	39	51	12.8	129	16.6	83	07	03	03	253	292	X		X	GLDL		
OFF VAN. IS.	40	51	15.6	129	22.3	83	07	03	04	252	292	X		X	GLDL		
OFF VAN. IS.	40A	51	15.6	129	22.3	83	07	03	06	253	292	X		X	GLDL		
OFF VAN. IS.	42	51	30.4	129	09.6	83	07	03	09	51	50	X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 83-0002B
YEAR:1983 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
W.COAST Q.CH.	U2	53	59.2	133	23.0	83	07	11	00			X		X	GLDL		
W.COAST Q.CH.	U3	53	30.7	133	41.0	83	07	12	00			X		X	GLDL		
W.COAST Q.CH.	U4	52	34.4	132	54.6	83	07	13	00			X		X	GLDL		
W.COAST Q.CH.	U5	52	52.0	132	20.8	83	07	13	00			X		X	GLDL		
W.COAST Q.CH.	U6	51	47.6	131	40.6	83	07	14	00			X		X	GLDL		
W.COAST VAN.IS	U7	49	40.5	127	29.0	83	07	15	00			X		X	GLDL		
Q. CHARLOTTES	Q34	54	24.0	133	47.0	83	07	11	21			X		X	GLDL		
Q. CHARLOTTES	Q33	54	19.0	133	38.5	83	07	11	22			X		X	GLDL		
Q. CHARLOTTES	Q32	54	14.4	133	28.5	83	07	11	23			X		X	GLDL		
Q. CHARLOTTES	Q31	54	12.0	133	24.0	83	07	12	00			X		X	GLDL		
Q. CHARLOTTES	Q30	54	10.0	133	19.0	83	07	12	00			X		X	GLDL		
Q. CHARLOTTES	Q65	54	5.0	133	19.0	83	07	12	01			X		X	GLDL		
Q. CHARLOTTES	Q17	54	0.7	133	16.4	83	07	12	02			X		X	GLDL		
Q. CHARLOTTES	Q18	53	59.2	133	23.0	83	07	12	02			X		X	GLDL		
Q. CHARLOTTES	Q19	53	57.8	133	29.7	83	07	12	03			X		X	GLDL		
Q. CHARLOTTES	Q20	53	56.9	133	36.0	83	07	12	04			X		X	GLDL		
Q. CHARLOTTES	Q21	53	53.5	133	49.5	83	07	12	05			X		X	GLDL		
Q. CHARLOTTES	Q22	53	44.5	133	47.0	83	07	12	06			X		X	GLDL		
Q. CHARLOTTES	Q22	53	44.5	133	47.0	83	07	12	08			X		X	GLDL		
Q. CHARLOTTES	Q23	53	46.6	133	37.4	83	07	12	09			X		X	GLDL		
Q. CHARLOTTES	Q24	53	48.8	133	27.1	83	07	12	10			X		X	GLDL		
Q. CHARLOTTES	Q25	53	50.2	133	21.0	83	07	12	11			X		X	GLDL		
Q. CHARLOTTES	Q26	53	51.3	133	15.3	83	07	12	12			X		X	GLDL		
Q. CHARLOTTES	Q67	53	43.0	133	11.0	83	07	12	13			X		X	GLDL		
Q. CHARLOTTES	Q69	53	40.0	133	23.2	83	07	12	14			X		X	GLDL		
Q. CHARLOTTES	Q70	53	37.5	133	33.5	83	07	12	15			X		X	GLDL		
Q. CHARLOTTES	Q71	53	35.0	133	43.0	83	07	12	16			X		X	GLDL		
Q. CHARLOTTES	Q72	53	26.0	133	40.6	83	07	12	18			X		X	GLDL		
Q. CHARLOTTES	Q73	53	16.0	133	38.0	83	07	12	20			X		X	GLDL		
Q. CHARLOTTES	Q74	53	8.5	133	31.0	83	07	12	21			X		X	GLDL		
Q. CHARLOTTES	Q75	53	1.5	133	24.0	83	07	12	23			X		X	GLDL		
Q. CHARLOTTES	Q76	53	7.0	133	11.8	83	07	13	02			X		X	GLDL		
Q. CHARLOTTES	Q77	53	12.0	133	1.0	83	07	13	04			X		X	GLDL		
Q. CHARLOTTES	Q78	53	14.5	132	55.0	83	07	13	05			X		X	GLDL		
Q. CHARLOTTES	Q79	53	17.0	132	49.0	83	07	13	05			X		X	GLDL		
Q. CHARLOTTES	Q80	53	9.5	132	41.3	83	07	13	07			X		X	GLDL		
Q. CHARLOTTES	Q11	53	3.9	132	35.5	83	07	13	07			X		X	GLDL		
Q. CHARLOTTES	Q10	53	0.0	132	40.0	83	07	13	08			X		X	GLDL		
Q. CHARLOTTES	Q 9	52	58.0	132	44.0	83	07	13	09			X		X	GLDL		
Q. CHARLOTTES	Q 8	52	56.9	132	46.4	83	07	13	10			X		X	GLDL		
Q. CHARLOTTES	Q81	52	51.2	132	58.1	83	07	13	11			X		X	GLDL		
Q. CHARLOTTES	Q82	52	45.7	133	9.5	83	07	13	13			X		X	GLDL		
Q. CHARLOTTES	Q83	52	40.0	133	2.0	83	07	13	15			X		X	GLDL		
Q. CHARLOTTES	Q84	52	34.4	132	54.6	83	07	13	16			X		X	GLDL		
Q. CHARLOTTES	Q16	52	40.3	132	43.5	83	07	13	18			X		X	GLDL		
Q. CHARLOTTES	Q15	52	46.3	132	31.7	83	07	13	20			X		X	GLDL		
Q. CHARLOTTES	Q14	52	48.8	132	27.0	83	07	13	21			X		X	GLDL		
Q. CHARLOTTES	Q13	52	52.0	132	20.8	83	07	13	22			X		X	GLDL		
Q. CHARLOTTES	Q86	52	41.3	132	6.4	83	07	14	00			X		X	GLDL		
Q. CHARLOTTES	Q88	52	29.0	131	49.5	83	07	14	02			X		X	GLDL		
Q. CHARLOTTES	Q 3	52	14.0	131	29.1	83	07	14	04			X		X	GLDL		
Q. CHARLOTTES	Q 5	52	9.7	131	37.9	83	07	14	13			X		X	GLDL		
Q. CHARLOTTES	Q 6	52	5.4	131	46.6	83	07	14	14			X		X	GLDL		
Q. CHARLOTTES	Q 7	52	1.4	131	54.8	83	07	14	16			X		X	GLDL		
Q. CHARLOTTES	Q94	51	57.0	132	4.0	83	07	14	17			X		X	GLDL		
Q. CHARLOTTES	Q 1	51	47.6	131	40.6	83	07	14	19			X		X	GLDL		
Q. CHARLOTTES	J 2	51	52.0	131	32.5	83	07	14	21			X		X	GLDL		
Q. CHARLOTTES	Q 2	51	55.0	131	23.5	83	07	14	22			X		X	GLDL		
Q. CHARLOTTES	J 1	52	0.0	131	14.0	83	07	14	23			X		X	GLDL		
Q. CHARLOTTES	Q51	51	43.0	130	44.5	83	07	15	01			X		X	GLDL		
Q. CHARLOTTES	Q52	51	22.0	130	9.3	83	07	15	04			X		X	GLDL		
Q. CHARLOTTES	Q53	51	2.0	129	35.7	83	07	15	07			X		X	GLDL		

Q. CHARLOTTES	WC29	49 46.0	127 20.0	83 07 15 17			X		X	GLDL
Q. CHARLOTTES	WC30	49 40.5	127 29.0	83 07 15 18			X		X	GLDL
Q. CHARLOTTES	WC31	49 34.5	127 37.0	83 07 15 19			X		X	GLDL
Q. CHARLOTTES	WC32	49 29.0	127 46.0	83 07 15 20			X		X	GLDL
Q. CHARLOTTES	WC34	49 18.0	128 4.0	83 07 15 22			X		X	GLDL
Q. CHARLOTTES	WC34	49 11.0	127 36.0	83 07 16 00			X		X	GLDL
Q. CHARLOTTES	WC22	49 4.5	127 9.0	83 07 16 02			X		X	GLDL
Q. CHARLOTTES	WC23	49 10.1	127 1.4	83 07 16 03			X		X	GLDL
Q. CHARLOTTES	WC25	49 21.0	126 44.2	83 07 16 05			X		X	GLDL
Q. CHARLOTTES	WC25	49 21.0	126 44.2	83 07 16 05			X		X	GLDL

BOTTLE/CTD DATA SET NUMBER: 83-0003B
YEAR:1983 VESSEL/AGENCY: VECTOR,EPS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
RUPERT INLET	R-3	50 35.2	127 27.8	83 07 05 20	68	77	X		X	PLES		
RUPERT INLET	R-5	50 35.5	127 29.5	83 07 05 22	56	62	X		X	PLES		
RUPERT INLET	R-7	50 35.1	127 29.5	83 07 06 00	85	85	X		X	PLES		
RUPERT INLET	R-7	50 35.1	127 29.5	83 07 06 01	89	95	X		X	PLES		
RUPERT INLET	R-7	50 35.1	127 29.5	83 07 06 02	89	95	X		X	PLES		
RUPERT INLET	R-8	50 32.1	127 35.7	83 07 06 03	69	80	X		X	PLES		
RUPERT INLET	R-9	50 34.6	127 31.3	83 07 06 04	108	112	X		X	PLES		
RUPERT INLET	R-9	50 34.6	127 31.3	83 07 06 15	97	109	X		X	PLES		
RUPERT INLET	R-11	50 34.4	127 34.5	83 07 06 17	140	150	X		X	PLES		
HOLBERG INLET	R-13	50 35.5	127 41.8	83 07 06 19	95	99	X		X	PLES		
HOLBERG INLET	R-13	50 35.5	127 41.8	83 07 06 20	90	99	X		X	PLES		
HOLBERG INLET	IOS55	50 36.2	127 47.8	83 07 06 21	67	70	X		X	PLES		
HOLBERG INLET	IOS51	50 38.6	127 59.0	83 07 06 23	48	51	X		X	PLES		
NEROUTSOSINLET	N-1	50 27.8	127 32.1	83 07 07 15	179	186	X		X	PLES		
QUATSINO SOUND	Q-49A	50 31.7	127 38.0	83 07 07 17	77	80	X		X	PLES		
QUATSINO SOUND	Q-50	50 29.9	127 45.2	83 07 07 18	126	128	X		X	PLES		

BOTTLE/CTD DATA SET NUMBER: 83-0035
YEAR:1983 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
Q. CHARLOTTES	J 2	51 51.6	131 32.0	83 05 04 05			X		X	GLDL		
Q. CHARLOTTES	J 3	51 43.5	131 50.0	83 05 04 11			X		X	GLDL		
Q. CHARLOTTES	Q 3	52 14.0	131 29.1	83 05 04 17			X		X	GLDL		
Q. CHARLOTTES	Q 6	52 5.4	131 45.9	83 05 05 01			X		X	GLDL		
Q. CHARLOTTES	Q 5	52 9.7	131 38.9	83 05 05 04			X		X	GLDL		
Q. CHARLOTTES	Q 7	52 1.4	131 54.8	83 05 05 07			X		X	GLDL		
Q. CHARLOTTES	Q15	52 46.3	132 32.0	83 05 05 11			X		X	GLDL		
Q. CHARLOTTES	Q 8	52 56.9	132 48.2	83 05 06 02			X		X	GLDL		
Q. CHARLOTTES	Q 9	52 58.0	132 44.0	83 05 06 04			X		X	GLDL		
Q. CHARLOTTES	Q10	53 0.0	132 40.0	83 05 06 05			X		X	GLDL		
Q. CHARLOTTES	Q11	53 3.0	132 35.0	83 05 06 06			X		X	GLDL		
Q. CHARLOTTES	Q12	52 57.3	132 27.8	83 05 06 07			X		X	GLDL		
Q. CHARLOTTES	Q13	52 52.0	132 20.8	83 05 06 08			X		X	GLDL		
Q. CHARLOTTES	Q14	52 48.8	132 27.0	83 05 06 09			X		X	GLDL		
Q. CHARLOTTES	Q16	52 40.3	132 43.5	83 05 06 12			X		X	GLDL		
Q. CHARLOTTES	Q17	54 0.7	133 16.4	83 05 07 02			X		X	GLDL		
Q. CHARLOTTES	Q18	53 59.2	133 23.0	83 05 07 03			X		X	GLDL		
Q. CHARLOTTES	Q19	53 57.8	133 29.7	83 05 07 03			X		X	GLDL		
Q. CHARLOTTES	Q20	53 56.9	133 36.0	83 05 07 04			X		X	GLDL		
Q. CHARLOTTES	Q21	53 53.5	133 49.5	83 05 07 05			X		X	GLDL		
Q. CHARLOTTES	Q22	53 44.5	133 47.0	83 05 07 08			X		X	GLDL		
Q. CHARLOTTES	Q23	53 46.6	133 37.4	83 05 07 10			X		X	GLDL		
Q. CHARLOTTES	Q24	53 48.8	133 27.1	83 05 07 12			X		X	GLDL		
Q. CHARLOTTES	Q25	53 50.2	133 21.0	83 05 07 12			X		X	GLDL		
Q. CHARLOTTES	Q26	53 51.3	133 15.3	83 05 07 13			X		X	GLDL		
Q. CHARLOTTES	Q30	54 10.0	133 19.0	83 05 08 02			X		X	GLDL		
Q. CHARLOTTES	Q31	54 12.0	133 24.0	83 05 08 03			X		X	GLDL		

Q. CHARLOTTES	Q32	54	14.4	133	28.5	83	05	08	04			X		X	GLDL		
Q. CHARLOTTES	Q33	54	19.0	133	38.5	83	05	08	05			X		X	GLDL		
Q. CHARLOTTES	Q34	54	24.0	133	47.0	83	05	08	06			X		X	GLDL		
Q. CHARLOTTES	Q35	54	27.5	133	30.0	83	05	08	07			X		X	GLDL		
Q. CHARLOTTES	J 1	52	0.0	131	14.0	83	05	17	07			X		X	GLDL		
Q. CHARLOTTES	J1A	51	57.5	131	19.0	83	05	17	08			X		X	GLDL		
Q. CHARLOTTES	J1B	51	55.0	131	24.0	83	05	17	09			X		X	GLDL		
Q. CHARLOTTES	J 2	51	51.5	131	31.4	83	05	17	10			X		X	GLDL		
Q. CHARLOTTES	88	51	41.3	131	13.8	83	05	17	12			X		X	GLDL		
Q. CHARLOTTES	I 3	51	23.3	131	14.0	83	05	17	15			X		X	GLDL		
Q. CHARLOTTES	89	51	3.0	131	10.5	83	05	17	17			X		X	GLDL		
Q. CHARLOTTES	H 5	50	43.0	131	8.3	83	05	17	21			X		X	GLDL		
Q. CHARLOTTES	H 5	50	43.0	131	8.3	83	05	17	21			X		X	GLDL		
OFF VAN. IS.	D 1	50	8.3	128	0.0	83	05	19	07			X		X	GLDL		
OFF VAN. IS.	D 2	50	0.0	128	11.0	83	05	19	08			X		X	GLDL		
OFF VAN. IS.	P 6	48	44.6	127	40.0	83	05	19	16			X		X	GLDL		
OFF VAN. IS.	P 5	48	43.6	127	10.0	83	05	19	18			X		X	GLDL		
OFF VAN. IS.	P 4	48	39.0	126	40.0	83	05	19	21			X		X	GLDL		
OFF VAN. IS.	P 3	48	37.5	126	20.0	83	05	20	00			X		X	GLDL		
OFF VAN. IS.	P 2	48	36.0	126	0.0	83	05	20	01			X		X	GLDL		
OFF VAN. IS.	P 1	48	34.5	125	30.0	83	05	20	03			X		X	GLDL		
OFF VAN. IS.	JF4	48	32.3	125	0.0	83	05	20	05			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 83-0036A
YEAR:1983 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
Q. CHARLOTTES	A 1	51	57.8	131	8.1	83	09	08	15			X		X	GLDL		
Q. CHARLOTTES	B 1	52	14.0	131	29.1	83	09	08	18			X		X	GLDL		
Q. CHARLOTTES	B 3	52	5.4	131	45.9	83	09	08	22			X		X	GLDL		
Q. CHARLOTTES	B 2	52	12.6	131	32.3	83	09	09	01			X		X	GLDL		
Q. CHARLOTTES	K 1	51	54.0	131	0.0	83	09	09	05			X		X	GLDL		
Q. CHARLOTTES	K 2	51	50.0	131	0.0	83	09	09	06			X		X	GLDL		
Q. CHARLOTTES	K 3	51	46.0	131	0.0	83	09	09	07			X		X	GLDL		
Q. CHARLOTTES	K 4	51	38.0	131	0.0	83	09	09	08			X		X	GLDL		
Q. CHARLOTTES	L 1	51	41.0	131	7.5	83	09	09	09			X		X	GLDL		
Q. CHARLOTTES	L 2	51	44.4	131	15.5	83	09	09	11			X		X	GLDL		
Q. CHARLOTTES	L 3	51	47.7	131	23.5	83	09	09	12			X		X	GLDL		
Q. CHARLOTTES	J 2	51	51.6	131	32.0	83	09	09	13			X		X	GLDL		
Q. CHARLOTTES	Q 2	51	55.0	131	23.5	83	09	09	14			X		X	GLDL		
Q. CHARLOTTES	J 1	52	0.0	131	14.0	83	09	09	15			X		X	GLDL		
Q. CHARLOTTES	J 0	52	2.0	131	10.3	83	09	09	16			X		X	GLDL		
Q. CHARLOTTES	A 1	51	57.7	131	7.5	83	09	09	18			X		X	GLDL		
Q. CHARLOTTES	B 2	52	12.0	131	32.8	83	09	09	22			X		X	GLDL		
Q. CHARLOTTES	B 1	52	13.8	131	30.0	83	09	09	23			X		X	GLDL		
Q. CHARLOTTES	Q 5	52	9.7	131	37.9	83	09	10	00			X		X	GLDL		
Q. CHARLOTTES	B 3	52	5.5	131	47.3	83	09	10	02			X		X	GLDL		
Q. CHARLOTTES	Q 7	52	1.4	131	54.8	83	09	10	03			X		X	GLDL		
Q. CHARLOTTES	C 4	52	51.2	132	58.1	83	09	10	14			X		X	GLDL		
Q. CHARLOTTES	C 4	52	51.2	132	59.1	83	09	10	15			X		X	GLDL		
Q. CHARLOTTES	C 3	52	58.0	132	52.0	83	09	10	20			X		X	GLDL		
Q. CHARLOTTES	C 2	53	0.7	132	40.3	83	09	10	22			X		X	GLDL		
Q. CHARLOTTES	C 1	53	3.8	132	37.7	83	09	11	02			X		X	GLDL		
Q. CHARLOTTES	C 1	53	3.8	132	37.7	83	09	12	16			X		X	GLDL		
Q. CHARLOTTES	C 2	53	0.7	132	40.3	83	09	12	18			X		X	GLDL		
Q. CHARLOTTES	Q96	52	20.3	132	18.5	83	09	13	04			X		X	GLDL		
Q. CHARLOTTES	Q97	52	29.2	132	29.6	83	09	13	06			X		X	GLDL		
Q. CHARLOTTES	Q16	52	40.3	132	43.5	83	09	13	08			X		X	GLDL		
Q. CHARLOTTES	C 3	52	58.0	132	51.8	83	09	13	10			X		X	GLDL		
Q. CHARLOTTES	Q76	53	7.0	133	11.8	83	09	13	12			X		X	GLDL		
Q. CHARLOTTES	Q98	53	22.0	133	26.0	83	09	13	15			X		X	GLDL		
Q. CHARLOTTES	Q99	53	26.5	133	16.5	83	09	13	17			X		X	GLDL		
Q. CHARLOTTES	Q100	53	29.0	133	11.0	83	09	13	18			X		X	GLDL		
Q. CHARLOTTES	Q101	53	32.0	133	5.5	83	09	13	19			X		X	GLDL		
Q. CHARLOTTES	Q67	53	43.0	133	11.0	83	09	14	02			X		X	GLDL		
Q. CHARLOTTES	Q68	53	41.5	133	17.7	83	09	14	02			X		X	GLDL		
Q. CHARLOTTES	Q69	53	40.0	133	23.2	83	09	14	03			X		X	GLDL		
Q. CHARLOTTES	Q70	53	37.5	133	33.5	83	09	14	04			X		X	GLDL		
Q. CHARLOTTES	Q23	53	46.6	133	37.4	83	09	14	06			X		X	GLDL		
Q. CHARLOTTES	E 1	53	59.5	133	21.0	83	09	14	08			X		X	GLDL		
Q. CHARLOTTES	Q18	53	59.2	133	23.0	83	09	14	08			X		X	GLDL		
Q. CHARLOTTES	E 2	53	57.5	133	34.0	83	09	14	09			X		X	GLDL		
Q. CHARLOTTES	E 3	53	56.0	133	37.5	83	09	14	10			X		X	GLDL		

Q. CHARLOTTES	E 1	53	59.5	133	21.0	83	09	14	22			X		X	GLDL		
Q. CHARLOTTES	Q18	53	58.7	133	25.0	83	09	14	23			X		X	GLDL		
Q. CHARLOTTES	Q99	53	57.5	133	34.0	83	09	15	15			X		X	GLDL		
Q. CHARLOTTES	Q70	53	37.5	133	33.5	83	09	15	17			X		X	GLDL		
Q. CHARLOTTES	Q23	53	46.6	133	37.4	83	09	15	18			X		X	GLDL		
Q. CHARLOTTES	E 2	53	59.0	133	29.5	83	09	15	20			X		X	GLDL		
Q. CHARLOTTES	E 3	53	58.0	133	34.3	83	09	15	20			X		X	GLDL		
Q. CHARLOTTES	Q21	53	53.5	133	49.5	83	09	15	21			X		X	GLDL		
Q. CHARLOTTES	Q102	54	3.5	133	48.5	83	09	16	00			X		X	GLDL		
Q. CHARLOTTES	Q103	54	13.5	133	49.0	83	09	16	02			X		X	GLDL		
Q. CHARLOTTES	Q34	54	24.0	133	47.0	83	09	16	03			X		X	GLDL		
Q. CHARLOTTES	Q33	54	19.0	133	38.5	83	09	16	04			X		X	GLDL		
Q. CHARLOTTES	Q32	54	14.4	133	28.5	83	09	16	05			X		X	GLDL		
Q. CHARLOTTES	Q31	54	12.0	133	24.0	83	09	16	06			X		X	GLDL		
Q. CHARLOTTES	Q30	54	10.0	133	19.0	83	09	16	07			X		X	GLDL		
Q. CHARLOTTES	Q29	54	14.6	133	11.9	83	09	16	07			X		X	GLDL		
Q. CHARLOTTES	Q64	54	21.5	133	24.0	83	09	16	08			X		X	GLDL		
Q. CHARLOTTES	Q35	54	27.5	133	30.0	83	09	16	09			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 83-0040
YEAR:1983 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
B.C. OFFSHORE	P 1	48	34.5	125	30.0	83	03	16	13			X		X	GLDL		
B.C. OFFSHORE	P 2	48	36.0	126	0.0	83	03	16	15			X		X	GLDL		
B.C. OFFSHORE	P 3	48	37.5	126	20.0	83	03	16	16			X		X	GLDL		
B.C. OFFSHORE	P 4	48	39.0	126	40.0	83	03	16	20			X		X	GLDL		
B.C. OFFSHORE	P 5	48	43.6	127	10.0	83	03	17	00			X		X	GLDL		
B.C. OFFSHORE	P 6	48	44.6	127	40.0	83	03	17	03			X		X	GLDL		
B.C. OFFSHORE	P 7	48	46.6	128	10.0	83	03	17	07			X		X	GLDL		
B.C. OFFSHORE	P 8	48	49.0	128	40.0	83	03	17	09			X		X	GLDL		
B.C. OFFSHORE	P 9	48	51.4	129	10.0	83	03	17	13			X		X	GLDL		
B.C. OFFSHORE	P10	48	53.6	129	40.0	83	03	17	15			X		X	GLDL		
B.C. OFFSHORE	P11	48	56.0	130	10.0	83	03	17	17			X		X	GLDL		
B.C. OFFSHORE	P12	48	58.2	130	40.0	83	03	17	22			X		X	GLDL		
B.C. OFFSHORE	P13	49	2.6	131	40.0	83	03	18	04			X		X	GLDL		
B.C. OFFSHORE	P14	49	7.4	132	40.0	83	03	18	08			X		X	GLDL		
B.C. OFFSHORE	P15	49	12.0	133	40.0	83	03	18	13			X		X	GLDL		
B.C. OFFSHORE	R11	51	15.0	136	40.3	83	03	23	22			X		X	GLDL		
B.C. OFFSHORE	R10	51	17.0	135	57.6	83	03	24	02			X		X	GLDL		
B.C. OFFSHORE	R 9	51	19.0	135	15.0	83	03	24	05			X		X	GLDL		
B.C. OFFSHORE	R 8	51	21.2	134	32.7	83	03	24	09			X		X	GLDL		
B.C. OFFSHORE	R 7	51	23.5	133	49.6	83	03	24	11			X		X	GLDL		
B.C. OFFSHORE	R 6	51	25.5	133	6.6	83	03	24	14			X		X	GLDL		
B.C. OFFSHORE	R 5	51	27.5	132	24.0	83	03	24	17			X		X	GLDL		
B.C. OFFSHORE	J 4	51	35.6	132	6.5	83	03	24	19			X		X	GLDL		
B.C. OFFSHORE	J 3	51	33.6	121	50.0	83	03	24	21			X		X	GLDL		
B.C. OFFSHORE	Q 1	51	47.6	131	40.6	83	03	25	00			X		X	GLDL		
B.C. OFFSHORE	J 2	51	51.6	131	32.0	83	03	25	01			X		X	GLDL		
B.C. OFFSHORE	Q 2	51	55.9	131	23.5	83	03	25	02			X		X	GLDL		
B.C. OFFSHORE	J 1	52	0.0	131	14.0	83	03	25	03			X		X	GLDL		
B.C. OFFSHORE	Q 3	52	14.5	131	29.0	83	03	25	05			X		X	GLDL		
B.C. OFFSHORE	Q 4	52	12.8	131	32.0	83	03	25	06			X		X	GLDL		
B.C. OFFSHORE	Q 5	52	9.5	131	38.9	83	03	25	07			X		X	GLDL		
B.C. OFFSHORE	Q 6	52	5.7	131	46.0	83	03	25	08			X		X	GLDL		
B.C. OFFSHORE	Q 7	52	1.4	131	54.8	83	03	25	11			X		X	GLDL		
B.C. OFFSHORE	Q 8	51	57.0	132	3.5	83	03	25	12			X		X	GLDL		
B.C. OFFSHORE	Q 9	52	3.9	132	13.1	83	03	26	02			X		X	GLDL		
B.C. OFFSHORE	Q10	52	10.5	132	22.6	83	03	26	04			X		X	GLDL		
B.C. OFFSHORE	H 5	50	43.0	131	8.3	83	03	27	06			X		X	GLDL		
B.C. OFFSHORE	G 5	50	24.6	130	37.3	83	03	27	10			X		X	GLDL		
B.C. OFFSHORE	F 5	50	6.0	130	6.7	83	03	27	13			X		X	GLDL		
B.C. OFFSHORE	E 5	49	47.8	129	36.0	83	03	27	16			X		X	GLDL		
B.C. OFFSHORE	D 6	49	16.0	129	9.0	83	03	27	20			X		X	GLDL		
B.C. OFFSHORE	P 8	48	49.0	128	40.0	83	03	28	00			X		X	GLDL		
B.C. OFFSHORE	B 7	48	21.6	128	9.5	83	03	28	05			X		X	GLDL		
B.C. OFFSHORE	B 6	48	31.6	127	56.2	83	03	28	08			X		X	GLDL		
B.C. OFFSHORE	P60	48	44.6	127	40.0	83	03	28	10			X		X	GLDL		
B.C. OFFSHORE	B 4	48	51.7	127	28.8	83	03	28	12			X		X	GLDL		
B.C. OFFSHORE	B 3	49	2.0	127	15.2	83	03	28	13			X		X	GLDL		
B.C. OFFSHORE	B 2	49	12.0	127	1.7	83	03	28	15			X		X	GLDL		
B.C. OFFSHORE	B 1	49	21.9	126	47.7	83	03	28	16			X		X	GLDL		
B.C. OFFSHORE	A 2	48	48.2	126	25.3	83	03	29	07			X		X	GLDL		

B.C. OFFSHORE	P 4	48 39.0	126 40.0	83 03 29 09			X		X	GLDL		
B.C. OFFSHORE	A 5	48 20.2	127 6.0	83 03 29 13			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	83 03 29 19			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.0	83 03 29 21			X		X	GLDL		
B.C. OFFSHORE	P 1	48 34.5	125 30.0	83 03 30 02			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 83-0041
YEAR:1983 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
B.C. OFFSHORE	P 1	48 34.5	125 30.0	83 08 17 04			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.0	83 08 17 06			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	83 08 17 08			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	83 08 17 10			X		X	GLDL		
B.C. OFFSHORE	P 5	48 41.6	127 10.0	83 08 17 14			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	83 08 17 17			X		X	GLDL		
B.C. OFFSHORE	P 7	48 46.6	128 10.0	83 08 17 22			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	83 08 18 00			X		X	GLDL		
B.C. OFFSHORE	P 9	48 51.4	129 10.0	83 08 18 04			X		X	GLDL		
B.C. OFFSHORE	P10	48 53.6	129 40.0	83 08 18 07			X		X	GLDL		
B.C. OFFSHORE	P11	48 56.0	130 10.0	83 08 18 10			X		X	GLDL		
B.C. OFFSHORE	P12	48 58.2	130 40.0	83 08 18 13			X		X	GLDL		
B.C. OFFSHORE	P13	49 2.6	131 40.0	83 08 18 18			X		X	GLDL		
B.C. OFFSHORE	P14	49 7.4	132 40.0	83 08 18 22			X		X	GLDL		
B.C. OFFSHORE	P15	49 12.0	133 40.0	83 08 19 04			X		X	GLDL		
B.C. OFFSHORE	R11	51 15.0	136 40.3	83 08 23 12			X		X	GLDL		
B.C. OFFSHORE	R10	51 17.0	135 57.6	83 08 23 16			X		X	GLDL		
B.C. OFFSHORE	R 9	51 19.0	135 15.0	83 08 23 18			X		X	GLDL		
B.C. OFFSHORE	R 8	51 21.2	134 32.7	83 08 23 22			X		X	GLDL		
B.C. OFFSHORE	R 7	51 23.5	133 49.6	83 08 24 01			X		X	GLDL		
B.C. OFFSHORE	R 6	51 25.5	133 6.6	83 08 24 05			X		X	GLDL		
B.C. OFFSHORE	J 5	51 27.5	132 24.0	83 08 24 08			X		X	GLDL		
B.C. OFFSHORE	J 4	51 35.6	132 6.5	83 08 24 10			X		X	GLDL		
B.C. OFFSHORE	J 3	51 43.5	131 50.0	83 08 24 12			X		X	GLDL		
B.C. OFFSHORE	Q 1	51 47.6	131 40.6	83 08 24 14			X		X	GLDL		
B.C. OFFSHORE	J 2	51 51.6	131 32.0	83 08 24 15			X		X	GLDL		
B.C. OFFSHORE	Q 2	51 55.7	131 22.7	83 08 24 17			X		X	GLDL		
B.C. OFFSHORE	J 1	52 0.0	131 14.0	83 08 24 18			X		X	GLDL		
B.C. OFFSHORE	88	51 41.7	131 13.7	83 08 24 21			X		X	GLDL		
B.C. OFFSHORE	I 3	51 23.2	131 13.9	83 08 24 23			X		X	GLDL		
B.C. OFFSHORE	089	51 3.2	131 11.2	83 08 25 02			X		X	GLDL		
B.C. OFFSHORE	H 5	50 43.0	131 8.3	83 08 25 04			X		X	GLDL		
B.C. OFFSHORE	G 5	50 24.6	130 37.3	83 08 25 08			X		X	GLDL		
B.C. OFFSHORE	F 5	50 6.0	130 6.7	83 08 25 11			X		X	GLDL		
B.C. OFFSHORE	E 5	49 47.8	129 36.0	83 08 25 14			X		X	GLDL		
B.C. OFFSHORE	D 6	49 16.0	129 9.0	83 08 25 18			X		X	GLDL		
B.C. OFFSHORE	P 8	48 49.0	128 40.0	83 08 25 21			X		X	GLDL		
B.C. OFFSHORE	P 7	48 46.6	128 10.0	83 08 25 23			X		X	GLDL		
B.C. OFFSHORE	P 6	48 44.6	127 40.0	83 08 26 02			X		X	GLDL		
B.C. OFFSHORE	B 4	48 51.7	127 28.8	83 08 26 03			X		X	GLDL		
B.C. OFFSHORE	B 3	49 2.0	127 15.2	83 08 26 05			X		X	GLDL		
B.C. OFFSHORE	B 2	49 12.0	127 1.7	83 08 26 82			X		X	GLDL		
B.C. OFFSHORE	B 1	49 19.5	126 49.3	83 08 26 10			X		X	GLDL		
B.C. OFFSHORE	A 1	49 0.0	126 11.7	83 08 26 13			X		X	GLDL		
B.C. OFFSHORE	A 2	48 48.2	126 25.3	83 08 26 14			X		X	GLDL		
B.C. OFFSHORE	A 3	48 44.2	126 33.4	83 08 26 15			X		X	GLDL		
B.C. OFFSHORE	P 4	48 39.0	126 40.0	83 08 26 16			X		X	GLDL		
B.C. OFFSHORE	P 3	48 37.5	126 20.0	83 08 26 18			X		X	GLDL		
B.C. OFFSHORE	P 2	48 36.0	126 0.0	83 08 26 19			X		X	GLDL		
B.C. OFFSHORE	P 1	48 34.5	125 30.0	83 08 26 21			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 83-0043
YEAR:1983 VESSEL/AGENCY: EPS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
PORT ALBERNI	1					83	06	02	14			X		X	PLES		
PORT ALBERNI	2					83	06	02	14			X		X	PLES		
PORT ALBERNI	3					83	06	02	15			X		X	PLES		
PORT ALBERNI	4					83	06	02	15			X		X	PLES		
PORT ALBERNI	5					83	06	02	15			X		X	PLES		
PORT ALBERNI	6					83	06	02	16			X		X	PLES		
PORT ALBERNI	7					83	06	02	16			X		X	PLES		
PORT ALBERNI	9					83	06	02	16			X		X	PLES		
PORT ALBERNI	8					83	06	02	17			X		X	PLES		
PORT ALBERNI	10					83	06	02	17			X		X	PLES		

BOTTLE/CTD DATA SET NUMBER: 84-0001
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
Q. CHARLOTTES	Q29	54	14.6	133	11.9	84	01	22	01			X		X	GLDL		
Q. CHARLOTTES	Q30	54	10.0	133	19.0	84	01	22	02			X		X	GLDL		
Q. CHARLOTTES	Q17	54	0.7	133	16.4	84	01	22	03			X		X	GLDL		
Q. CHARLOTTES	Q18	53	59.2	133	23.0	84	01	22	04			X		X	GLDL		
Q. CHARLOTTES	Q19	53	57.8	133	29.7	84	01	22	05			X		X	GLDL		
Q. CHARLOTTES	Q20	53	56.9	133	36.0	84	01	22	06			X		X	GLDL		
Q. CHARLOTTES	Q21	53	53.5	133	49.5	84	01	22	07			X		X	GLDL		
Q. CHARLOTTES	Q22	53	44.5	133	47.0	84	01	22	10			X		X	GLDL		
Q. CHARLOTTES	Q70	53	37.5	133	33.5	84	01	22	12			X		X	GLDL		
Q. CHARLOTTES	Q11	53	3.9	132	35.5	84	01	23	18			X		X	GLDL		
Q. CHARLOTTES	Q 8	52	56.9	132	46.4	84	01	23	19			X		X	GLDL		
Q. CHARLOTTES	Q81	52	51.2	132	58.1	84	01	23	21			X		X	GLDL		
Q. CHARLOTTES	Q82	52	45.7	133	9.5	84	01	23	23			X		X	GLDL		
Q. CHARLOTTES	Q16	52	40.3	132	43.5	84	01	24	01			X		X	GLDL		
Q. CHARLOTTES	Q97	52	29.2	132	29.6	84	01	24	04			X		X	GLDL		
Q. CHARLOTTES	Q91	52	21.6	132	3.5	84	01	24	06			X		X	GLDL		
Q. CHARLOTTES	Q 3	52	14.0	131	29.1	84	01	24	09			X		X	GLDL		
Q. CHARLOTTES	Q 4	52	12.8	131	32.0	84	01	24	10			X		X	GLDL		
Q. CHARLOTTES	Q 5	52	9.7	131	37.9	84	01	24	11			X		X	GLDL		
Q. CHARLOTTES	Q 6	52	5.4	131	46.6	84	01	24	12			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 84-0002
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
Q. CHARLOTTES	Q24	53	48.8	133	27.1	84	04	19	04			X		X	GLDL		
Q. CHARLOTTES	Q69	53	40.0	133	23.2	84	04	19	05			X		X	GLDL		
Q. CHARLOTTES	Q101	53	32.0	133	5.5	84	04	19	06			X		X	GLDL		
Q. CHARLOTTES	Q100	53	29.0	133	11.0	84	04	19	07			X		X	GLDL		
Q. CHARLOTTES	Q99	53	26.5	133	16.5	84	04	19	07			X		X	GLDL		
Q. CHARLOTTES	Q98	53	22.0	133	26.0	84	04	19	08			X		X	GLDL		
Q. CHARLOTTES	Q76	53	7.0	133	11.8	84	04	19	11			X		X	GLDL		
Q. CHARLOTTES	Q77	53	12.0	133	1.0	84	04	19	12			X		X	GLDL		
Q. CHARLOTTES	Q28	54	19.0	133	3.2	84	04	22	06			X		X	GLDL		
Q. CHARLOTTES	Q29	54	14.6	133	11.9	84	04	22	07			X		X	GLDL		
Q. CHARLOTTES	Q32	54	14.4	133	28.5	84	04	22	09			X		X	GLDL		

Q. CHARLOTTES	Q31	54	12.0	133	24.0	84	04	22	10			X		X	GLDL		
Q. CHARLOTTES	Q30	54	10.0	133	19.0	84	04	22	11			X		X	GLDL		
Q. CHARLOTTES	Q65	54	5.0	133	19.0	84	04	22	12			X		X	GLDL		
Q. CHARLOTTES	Q17	54	0.7	133	16.4	84	04	22	13			X		X	GLDL		
Q. CHARLOTTES	Q18	53	59.2	133	23.0	84	04	22	13			X		X	GLDL		
Q. CHARLOTTES	Q19	53	57.8	133	29.7	84	04	22	14			X		X	GLDL		
Q. CHARLOTTES	Q20	53	56.9	133	36.0	84	04	22	18			X		X	GLDL		
Q. CHARLOTTES	Q23	53	46.6	133	37.4	84	04	22	19			X		X	GLDL		
Q. CHARLOTTES	Q70	53	37.5	133	33.5	84	04	22	21			X		X	GLDL		
Q. CHARLOTTES	Q98	53	22.0	133	26.0	84	04	22	23			X		X	GLDL		
Q. CHARLOTTES	Q79	53	17.0	132	49.0	84	04	23	01			X		X	GLDL		
Q. CHARLOTTES	Q78	53	14.5	132	55.0	84	04	23	02			X		X	GLDL		
Q. CHARLOTTES	Q 9	52	58.0	132	44.0	84	04	24	03			X		X	GLDL		
Q. CHARLOTTES	Q15	52	46.3	132	31.7	84	04	24	05			X		X	GLDL		
Q. CHARLOTTES	Q14	52	48.8	132	27.0	84	04	24	06			X		X	GLDL		
Q. CHARLOTTES	Q13	52	52.0	132	20.8	84	04	24	07			X		X	GLDL		
Q. CHARLOTTES	Q85	52	46.6	132	13.6	84	04	24	08			X		X	GLDL		
Q. CHARLOTTES	Q86	52	41.3	132	6.4	84	04	24	09			X		X	GLDL		
Q. CHARLOTTES	Q87	52	34.8	131	57.4	84	04	24	10			X		X	GLDL		
Q. CHARLOTTES	Q88	52	29.0	131	49.5	84	04	24	11			X		X	GLDL		
Q. CHARLOTTES	Q89	52	27.2	131	53.0	84	04	24	11			X		X	GLDL		
Q. CHARLOTTES	J 1	52	0.0	131	14.0	84	04	25	05			X		X	GLDL		
Q. CHARLOTTES	Q 2	51	55.0	131	14.0	84	04	25	07			X		X	GLDL		
Q. CHARLOTTES	J 2	51	51.6	131	32.0	84	04	25	08			X		X	GLDL		
Q. CHARLOTTES	Q 1	51	47.6	131	40.6	84	04	25	10			X		X	GLDL		
Q. CHARLOTTES	J 3	51	43.5	131	50.0	84	04	25	11			X		X	GLDL		
Q. CHARLOTTES	Q94	51	57.0	132	4.0	84	04	25	15			X		X	GLDL		
Q. CHARLOTTES	Q 7	52	1.4	131	54.8	84	04	25	16			X		X	GLDL		
Q. CHARLOTTES	Q 6	52	5.4	131	46.6	84	04	25	17			X		X	GLDL		
Q. CHARLOTTES	Q 5	52	9.7	131	37.9	84	04	25	18			X		X	GLDL		
Q. CHARLOTTES	Q 4	52	12.8	131	32.0	84	04	25	19			X		X	GLDL		
Q. CHARLOTTES	Q 3	52	14.0	131	29.1	84	04	25	19			X		X	GLDL		
Q. CHARLOTTES	K 3	51	50.0	131	00.0	84	04	25	23			X		X	GLDL		
Q. CHARLOTTES	K 3	51	46.0	131	00.0	84	04	25	23			X		X	GLDL		
Q. CHARLOTTES	K 3	51	54.0	131	00.0	84	04	26	00			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 84-0007
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
OFF Q.C.ISLANDS	Q 95	52	7.5	131	22.0	84	10	14	01		11	X		X	GLDL		
OFF Q.C.ISLANDS	Q 4	52	12.7	131	32.0	84	10	14	03		21	X		X	GLDL		
OFF Q.C.ISLANDS	Q 5	52	9.7	131	37.9	84	10	14	04		31	X		X	GLDL		
OFF Q.C.ISLANDS	Q 90	52	23.5	131	59.5	84	10	14	07		41	X		X	GLDL		
OFF Q.C.ISLANDS	Q 87	52	34.8	131	57.4	84	10	14	09		51	X		X	GLDL		
OFF Q.C.ISLANDS	Q140	52	35.0	132	18.0	84	10	14	10		61	X		X	GLDL		
OFF Q.C.ISLANDS	Q 85	52	46.5	132	13.6	84	10	14	11		71	X		X	GLDL		
OFF Q.C.ISLANDS	Q 17	54	0.7	133	16.4	84	10	15	02		81	X		X	GLDL		
OFF Q.C.ISLANDS	Q 65	54	5.0	133	19.0	84	10	15	03		91	X		X	GLDL		
OFF Q.C.ISLANDS	Q 30	54	10.0	133	19.0	84	10	15	03		101	X		X	GLDL		
OFF Q.C.ISLANDS	Q 32	54	14.3	133	28.5	84	10	15	05		111	X		X	GLDL		
OFF Q.C.ISLANDS	Q 33	54	19.0	133	38.5	84	10	15	06		121	X		X	GLDL		
OFF Q.C.ISLANDS	Q 34	54	24.0	133	47.0	84	10	15	07		131	X		X	GLDL		
OFF Q.C.ISLANDS	Q 35	54	27.5	133	30.0	84	10	15	08		141	X		X	GLDL		
OFF Q.C.ISLANDS	Q141	54	16.0	133	38.0	84	10	15	21		171	X		X	GLDL		
OFF Q.C.ISLANDS	Q142	54	6.0	133	37.0	84	10	15	22		181	X		X	GLDL		
OFF Q.C.ISLANDS	Q 20	53	56.9	133	36.0	84	10	15	23		191	X		X	GLDL		
OFF Q.C.ISLANDS	Q 19	53	57.8	133	29.7	84	10	16	01		211	X		X	GLDL		
OFF Q.C.ISLANDS	Q 18	53	59.1	133	23.0	84	10	16	01		221	X		X	GLDL		
OFF Q.C.ISLANDS	Q 26	53	51.3	133	15.2	84	10	16	02		231	X		X	GLDL		
OFF Q.C.ISLANDS	Q 67	53	42.8	133	12.2	84	10	16	03		241	X		X	GLDL		
OFF Q.C.ISLANDS	Q 68	53	41.5	133	17.7	84	10	16	04		261	X		X	GLDL		
OFF Q.C.ISLANDS	Q 70	53	37.5	133	33.5	84	10	16	06		271	X		X	GLDL		
OFF Q.C.ISLANDS	Q 73	53	16.0	133	38.0	84	10	16	08		281	X		X	GLDL		
OFF Q.C.ISLANDS	Q 78	53	7.0	133	11.7	84	10	16	11		301	X		X	GLDL		
OFF Q.C.ISLANDS	Q 78	53	14.5	132	55.0	84	10	16	13		311	X		X	GLDL		
OFF Q.C.ISLANDS	Q 80	53	9.5	132	41.3	84	10	16	14		321	X		X	GLDL		
OFF Q.C.ISLANDS	Q 69	53	40.0	133	23.2	84	10	18	03		331	X		X	GLDL		
OFF Q.C.ISLANDS	Q 70	53	37.5	133	33.5	84	10	18	05		351	X		X	GLDL		
OFF Q.C.ISLANDS	Q 71	53	35.0	133	43.0	84	10	18	05		361	X		X	GLDL		
OFF Q.C.ISLANDS	Q 22	53	44.5	133	47.0	84	10	18	07		371	X		X	GLDL		
OFF Q.C.ISLANDS	Q 23	53	46.6	133	37.4	84	10	18	08		381	X		X	GLDL		
OFF Q.C.ISLANDS	Q 24	53	48.8	133	27.0	84	10	18	09		391	X		X	GLDL		

OFF Q.C.ISLANDS	Q 25	53 50.1	133 21.0	84 10 18 10		411	X		X	GLDL	
OFF Q.C.ISLANDS	Q 26	53 51.3	133 15.2	84 10 18 11		421	X		X	GLDL	
OFF Q.C.ISLANDS	Q 34	54 24.0	133 47.0	84 10 19 04		431	X		X	GLDL	
OFF Q.C.ISLANDS	Q 33	54 19.0	133 38.5	84 10 19 05		441	X		X	GLDL	
OFF Q.C.ISLANDS	Q 32	54 14.3	133 28.5	84 10 19 06		451	X		X	GLDL	
OFF Q.C.ISLANDS	Q 31	54 12.0	133 24.0	84 10 19 07		461	X		X	GLDL	
OFF Q.C.ISLANDS	Q 30	54 10.0	133 19.0	84 10 19 07		471	X		X	GLDL	
OFF Q.C.ISLANDS	Q 29	54 14.6	133 11.8	84 10 19 08		481	X		X	GLDL	
OFF VAN.ISLANDS	M 2	50 2.5	127 55.3	84 10 30 00		181	X		X	GLDL	
OFF VAN.ISLANDS	L 2	49 59.5	127 44.3	84 10 30 01		191	X		X	GLDL	
OFF VAN.ISLANDS	K 3	49 50.5	127 27.5	84 10 30 03		201	X		X	GLDL	
OFF VAN.ISLANDS	K 4	49 43.5	127 35.0	84 10 30 04		221	X		X	GLDL	
OFF VAN.ISLANDS	K 7	49 35.6	127 52.0	84 10 30 07		241	X		X	GLDL	
OFF VAN.ISLANDS	K 8A	49 25.5	127 50.0	84 10 30 09		251	X		X	GLDL	
OFF VAN.ISLANDS	J 7	49 24.2	127 35.0	84 10 30 10		261	X		X	GLDL	
OFF VAN.ISLANDS	E 1	49 18.0	126 32.9	84 10 30 18		271	X		X	GLDL	
OFF VAN.ISLANDS	E 2	49 10.7	126 45.2	84 10 30 21		281	X		X	GLDL	
OFF VAN.ISLANDS	T 1	49 9.8	126 10.3	84 10 30 23		291	X		X	GLDL	
OFF VAN.ISLANDS	T 5	48 48.5	126 29.1	84 10 31 19		301	X		X	GLDL	

BOTTLE/CTD DATA SET NUMBER: 84-0009
YEAR:1984 VESSEL/AGENCY: PANDORA II,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
B.C. OFFSHORE	P 1	48 33.3	124 40.2	84 07 23 16			X		X	GLDL	
B.C. OFFSHORE	B 2	48 38.0	125 1.7	84 07 23 19			X		X	GLDL	
B.C. OFFSHORE	B 3	48 37.0	125 5.6	84 07 23 19			X		X	GLDL	
B.C. OFFSHORE	B 4	48 30.4	125 11.1	84 07 23 21			X		X	GLDL	
B.C. OFFSHORE	B 5	48 26.2	125 16.6	84 07 23 22			X		X	GLDL	
B.C. OFFSHORE	B 6	48 21.9	125 22.2	84 07 23 23			X		X	GLDL	
B.C. OFFSHORE	R 6	48 19.9	125 11.8	84 07 24 02			X		X	GLDL	
B.C. OFFSHORE	R 5	48 18.7	125 3.7	84 07 24 03			X		X	GLDL	
B.C. OFFSHORE	R 4	48 17.8	124 59.0	84 07 24 03			X		X	GLDL	
B.C. OFFSHORE	R 3	48 17.9	124 54.2	84 07 24 04			X		X	GLDL	
B.C. OFFSHORE	R 2	48 17.1	124 48.8	84 07 24 05			X		X	GLDL	
B.C. OFFSHORE	S 2	48 5.1	124 53.4	84 07 24 07			X		X	GLDL	
B.C. OFFSHORE	S3A	48 6.5	125 0.1	84 07 24 07			X		X	GLDL	
B.C. OFFSHORE	S 4	48 7.5	125 5.2	84 07 24 08			X		X	GLDL	
B.C. OFFSHORE	S 5	48 8.8	125 11.1	84 07 24 09			X		X	GLDL	
B.C. OFFSHORE	S 6	48 9.9	125 16.6	84 07 24 10			X		X	GLDL	
B.C. OFFSHORE	S 7	48 11.4	125 24.8	84 07 24 10			X		X	GLDL	
B.C. OFFSHORE	B 8	48 12.9	125 33.7	84 07 24 11			X		X	GLDL	
B.C. OFFSHORE	C 7	48 22.8	125 49.4	84 07 24 14			X		X	GLDL	
B.C. OFFSHORE	C 6	48 27.2	125 43.7	84 07 24 15			X		X	GLDL	
B.C. OFFSHORE	C 5	48 31.4	125 38.0	84 07 24 16			X		X	GLDL	
B.C. OFFSHORE	C 3	48 39.5	125 26.9	84 07 24 19			X		X	GLDL	
B.C. OFFSHORE	C 2	48 43.5	125 21.5	84 07 24 20			X		X	GLDL	
B.C. OFFSHORE	C 1	48 46.3	125 17.2	84 07 24 21			X		X	GLDL	
B.C. OFFSHORE	D 3	48 56.5	125 20.8	84 07 24 23			X		X	GLDL	
B.C. OFFSHORE	E 1	49 6.0	126 1.2	84 07 25 01			X		X	GLDL	
B.C. OFFSHORE	E 2	49 4.1	126 4.2	84 07 25 02			X		X	GLDL	
B.C. OFFSHORE	E 3	49 0.4	126 9.6	84 07 25 03			X		X	GLDL	
B.C. OFFSHORE	E 4	48 56.6	126 15.2	84 07 25 04			X		X	GLDL	
B.C. OFFSHORE	E 5	48 52.7	126 20.8	84 07 25 05			X		X	GLDL	
B.C. OFFSHORE	E 6	48 48.7	126 26.6	84 07 25 06			X		X	GLDL	
B.C. OFFSHORE	E 7	48 44.6	126 32.4	84 07 25 07			X		X	GLDL	
B.C. OFFSHORE	E 8	48 40.4	126 38.3	84 07 25 08			X		X	GLDL	
B.C. OFFSHORE	E 9	48 36.1	126 44.3	84 07 25 09			X		X	GLDL	
B.C. OFFSHORE	F 9	48 45.8	126 56.8	84 07 25 12			X		X	GLDL	
B.C. OFFSHORE	G 7	48 59.4	127 7.2	84 07 25 15			X		X	GLDL	
B.C. OFFSHORE	G 6	49 3.5	127 1.2	84 07 25 17			X		X	GLDL	
B.C. OFFSHORE	G 5	49 7.4	126 55.3	84 07 25 18			X		X	GLDL	
B.C. OFFSHORE	G 4	49 11.3	126 49.4	84 07 25 19			X		X	GLDL	
B.C. OFFSHORE	G 3	49 15.0	126 43.7	84 07 25 20			X		X	GLDL	
B.C. OFFSHORE	G 2	49 18.7	126 38.1	84 07 25 21			X		X	GLDL	
B.C. OFFSHORE	G 1	49 20.5	126 35.0	84 07 25 22			X		X	GLDL	
B.C. OFFSHORE	F 2	49 13.2	126 16.5	84 07 26 00			X		X	GLDL	
B.C. OFFSHORE	F 3	49 9.6	126 21.9	84 07 26 01			X		X	GLDL	
B.C. OFFSHORE	F 4	49 5.9	126 27.5	84 07 26 02			X		X	GLDL	
B.C. OFFSHORE	F 5	49 2.0	126 33.2	84 07 26 03			X		X	GLDL	
B.C. OFFSHORE	F 6	49 13.3	126 34.9	84 07 26 04			X		X	GLDL	
B.C. OFFSHORE	F 7	48 54.1	126 44.8	84 07 26 05			X		X	GLDL	
B.C. OFFSHORE	F 8	48 50.0	126 50.7	84 07 26 07			X		X	GLDL	

B.C. OFFSHORE	D 9	48	26.4	126	20.7	84	07	26	11			X		X	GLDL		
B.C. OFFSHORE	D 8	48	30.8	126	14.7	84	07	26	12			X		X	GLDL		
B.C. OFFSHORE	D 7	48	35.1	126	8.9	84	07	26	14			X		X	GLDL		
B.C. OFFSHORE	D 6	48	39.3	126	3.2	84	07	26	15			X		X	GLDL		
B.C. OFFSHORE	D 5	48	43.4	125	57.5	84	07	26	16			X		X	GLDL		
B.C. OFFSHORE	D 4	48	47.3	125	51.9	84	07	26	16			X		X	GLDL		
B.C. OFFSHORE	P 2	48	32.4	124	40.3	84	07	26	22			X		X	GLDL		
B.C. OFFSHORE	P 3	48	30.5	124	40.2	84	07	26	22			X		X	GLDL		
B.C. OFFSHORE	P 4	48	28.4	124	40.4	84	07	26	23			X		X	GLDL		
B.C. OFFSHORE	P 5	48	26.5	124	40.6	84	07	26	23			X		X	GLDL		
B.C. OFFSHORE	P 6	48	25.4	124	40.7	84	07	26	23			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 84-0010
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
B.C. OFFSHORE	P 1	48	34.5	125	30.0	84	11	08	15			X		X	GLDL		
B.C. OFFSHORE	P 2	48	36.0	126	0.0	84	11	08	17			X		X	GLDL		
B.C. OFFSHORE	P 3	48	37.5	126	20.0	84	11	08	18			X		X	GLDL		
B.C. OFFSHORE	P 4	48	39.0	126	40.0	84	11	08	20			X		X	GLDL		
B.C. OFFSHORE	P 5	48	43.5	127	10.0	84	11	09	00			X		X	GLDL		
B.C. OFFSHORE	P 6	48	44.5	127	40.0	84	11	09	03			X		X	GLDL		
B.C. OFFSHORE	P 7	48	46.5	128	10.0	84	11	09	07			X		X	GLDL		
B.C. OFFSHORE	P 8	48	49.0	128	40.0	84	11	09	10			X		X	GLDL		
B.C. OFFSHORE	P 9	48	51.4	129	10.0	84	11	09	15			X		X	GLDL		
B.C. OFFSHORE	P 10	48	53.5	129	40.0	84	11	09	17			X		X	GLDL		
B.C. OFFSHORE	P 11	48	56.0	130	10.0	84	11	09	22			X		X	GLDL		
B.C. OFFSHORE	P 12	48	58.1	130	40.0	84	11	10	00			X		X	GLDL		
B.C. OFFSHORE	P 13	49	2.5	131	40.0	84	11	10	06			X		X	GLDL		
B.C. OFFSHORE	P 14	49	7.3	132	40.0	84	11	10	10			X		X	GLDL		
B.C. OFFSHORE	P 15	49	12.0	133	40.0	84	11	10	17			X		X	GLDL		
B.C. OFFSHORE	J 10	50	8.0	135	14.0	84	11	16	11			X		X	GLDL		
B.C. OFFSHORE	J 9	50	23.5	134	41.0	84	11	16	14			X		X	GLDL		
B.C. OFFSHORE	J 8	50	40.5	134	5.0	84	11	16	18			X		X	GLDL		
B.C. OFFSHORE	J 7	50	56.0	133	32.5	84	11	16	20			X		X	GLDL		
B.C. OFFSHORE	J 6	51	12.0	132	57.0	84	11	16	23			X		X	GLDL		
B.C. OFFSHORE	J 5	51	27.5	132	24.0	84	11	17	03			X		X	GLDL		
B.C. OFFSHORE	J 4	51	35.6	132	6.5	84	11	17	04			X		X	GLDL		
B.C. OFFSHORE	J 3	51	43.5	131	50.0	84	11	17	06			X		X	GLDL		
B.C. OFFSHORE	J 2	51	51.5	131	32.0	84	11	17	10			X		X	GLDL		
B.C. OFFSHORE	DC 1	49	50.0	127	49.0	84	11	19	19			X		X	GLDL		
B.C. OFFSHORE	C 1	49	44.0	127	24.0	84	11	19	22			X		X	GLDL		
B.C. OFFSHORE	C 1A	49	38.5	127	31.0	84	11	19	22			X		X	GLDL		
B.C. OFFSHORE	C 2	49	34.0	127	37.5	84	11	19	23			X		X	GLDL		
B.C. OFFSHORE	C 2A	49	29.0	127	44.3	84	11	20	01			X		X	GLDL		
B.C. OFFSHORE	C 3	49	24.0	127	51.3	84	11	20	04			X		X	GLDL		
B.C. OFFSHORE	C 3A	49	18.7	127	58.6	84	11	20	07			X		X	GLDL		
B.C. OFFSHORE	C 4	49	14.0	128	5.3	84	11	20	08			X		X	GLDL		
B.C. OFFSHORE	C 5	49	3.9	128	19.0	84	11	20	10			X		X	GLDL		
B.C. OFFSHORE	P 6	48	44.5	127	40.0	84	11	20	14			X		X	GLDL		
B.C. OFFSHORE	B 4	48	51.6	127	28.7	84	11	20	15			X		X	GLDL		
B.C. OFFSHORE	B 3A	48	56.8	127	22.0	84	11	20	16			X		X	GLDL		
B.C. OFFSHORE	B 3	49	2.0	127	15.2	84	11	20	17			X		X	GLDL		
B.C. OFFSHORE	B 2A	49	6.8	127	8.5	84	11	20	20			X		X	GLDL		
B.C. OFFSHORE	B 2	49	12.0	127	1.7	84	11	20	21			X		X	GLDL		
B.C. OFFSHORE	B 1A	49	16.7	126	54.5	84	11	20	23			X		X	GLDL		
B.C. OFFSHORE	B 1	49	21.9	126	47.6	84	11	21	00			X		X	GLDL		
B.C. OFFSHORE	A 0	49	8.0	126	0.2	84	11	21	03			X		X	GLDL		
B.C. OFFSHORE	A A	49	5.0	126	6.8	84	11	21	04			X		X	GLDL		
B.C. OFFSHORE	A 1	49	0.0	126	11.7	84	11	21	04			X		X	GLDL		
B.C. OFFSHORE	A 1B	48	55.1	126	18.0	84	11	21	05			X		X	GLDL		
B.C. OFFSHORE	A 2	48	50.1	126	25.2	84	11	21	06			X		X	GLDL		
B.C. OFFSHORE	A 2B	48	45.1	126	32.0	84	11	21	08			X		X	GLDL		
B.C. OFFSHORE	P 4	48	39.0	126	40.0	84	11	21	09			X		X	GLDL		
B.C. OFFSHORE	P 4A	48	34.5	126	46.1	84	11	21	12			X		X	GLDL		
B.C. OFFSHORE	A 4	48	30.2	126	52.5	84	11	21	13			X		X	GLDL		
B.C. OFFSHORE	A 5	48	20.0	127	6.0	84	11	21	14			X		X	GLDL		
B.C. OFFSHORE	P 3	48	37.5	126	20.0	84	11	21	20			X		X	GLDL		
B.C. OFFSHORE	P 2	48	36.0	126	0.0	84	11	21	22			X		X	GLDL		
B.C. OFFSHORE	P 1	48	34.5	125	30.0	84	11	22	00			X		X	GLDL		

BOTTLE/CTD DATA SET NUMBER: 84-0011
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
OFF VAN. IS.	P 1	48	33.4	124	40.3	84	06	19	18			X		X	GLDL		
OFF VAN. IS.	P 1	48	33.4	124	40.2	84	06	19	18			X		X	GLDL		
OFF VAN. IS.	P 2	48	32.2	124	40.2	84	06	19	19			X		X	GLDL		
OFF VAN. IS.	P 3	48	31.2	124	40.2	84	06	19	19			X		X	GLDL		
OFF VAN. IS.	P 4	48	28.1	124	40.3	84	06	19	21			X		X	GLDL		
OFF VAN. IS.	P 5	48	26.5	124	40.3	84	06	19	21			X		X	GLDL		
OFF VAN. IS.	P 6	48	25.0	124	40.4	84	06	19	21			X		X	GLDL		
OFF VAN. IS.	S 1	48	3.7	124	47.2	84	06	20	01			X		X	GLDL		
OFF VAN. IS.	S 2	48	5.1	124	53.4	84	06	20	02			X		X	GLDL		
OFF VAN. IS.	S 3	48	6.5	124	59.3	84	06	20	03			X		X	GLDL		
OFF VAN. IS.	S3A	48	6.3	125	0.0	84	06	20	03			X		X	GLDL		
OFF VAN. IS.	S 4	48	7.4	125	5.3	84	06	20	04			X		X	GLDL		
OFF VAN. IS.	S 5	48	8.7	125	11.2	84	06	20	04			X		X	GLDL		
OFF VAN. IS.	S 6	48	9.8	125	16.5	84	06	20	05			X		X	GLDL		
OFF VAN. IS.	S 7	48	11.4	125	24.7	84	06	20	06			X		X	GLDL		
OFF VAN. IS.	B 7	48	17.5	125	27.9	84	06	20	07			X		X	GLDL		
OFF VAN. IS.	B 6	48	21.9	125	22.2	84	06	20	08			X		X	GLDL		
OFF VAN. IS.	B 5	48	26.0	125	16.6	84	06	20	08			X		X	GLDL		
OFF VAN. IS.	B 4	48	30.5	125	10.5	84	06	20	09			X		X	GLDL		
OFF VAN. IS.	B 3	48	35.0	125	5.5	84	06	20	10			X		X	GLDL		
OFF VAN. IS.	B 2	48	37.8	125	2.0	84	06	20	11			X		X	GLDL		
OFF VAN. IS.	B 1	48	39.9	125	0.3	84	06	20	11			X		X	GLDL		
OFF VAN. IS.	C 1	48	46.4	125	18.9	84	06	20	13			X		X	GLDL		
OFF VAN. IS.	C 2	48	43.7	125	21.7	84	06	20	14			X		X	GLDL		
OFF VAN. IS.	C 3	48	39.5	125	26.9	84	06	20	14			X		X	GLDL		
OFF VAN. IS.	E 1	49	5.0	126	0.9	84	06	21	03			X		X	GLDL		
OFF VAN. IS.	E 2	49	4.3	126	4.5	84	06	21	03			X		X	GLDL		
OFF VAN. IS.	E 3	49	0.5	126	10.6	84	06	21	04			X		X	GLDL		
OFF VAN. IS.	E 4	48	56.5	126	15.1	84	06	21	05			X		X	GLDL		
OFF VAN. IS.	E 5	48	52.8	126	20.4	84	06	21	05			X		X	GLDL		
OFF VAN. IS.	E 6	48	48.5	126	26.3	84	06	21	06			X		X	GLDL		
OFF VAN. IS.	E 7	48	44.2	126	32.1	84	06	21	07			X		X	GLDL		
OFF VAN. IS.	E 1	49	18.3	126	32.8	84	06	22	02			X		X	GLDL		
OFF VAN. IS.	M 6	49	47.5	128	21.3	84	06	23	02			X		X	GLDL		
OFF VAN. IS.	M 5	49	51.3	128	15.0	84	06	23	06			X		X	GLDL		
OFF VAN. IS.	M 4	49	55.1	128	8.0	84	06	23	07			X		X	GLDL		
OFF VAN. IS.	M 3	49	58.9	128	1.6	84	06	23	06			X		X	GLDL		
OFF VAN. IS.	M 2	50	2.4	127	55.2	84	06	23	07			X		X	GLDL		
OFF VAN. IS.	M 1	50	4.1	127	52.0	84	06	23	08			X		X	GLDL		
OFF VAN. IS.	L 2	49	59.5	127	44.3	84	06	23	09			X		X	GLDL		
OFF VAN. IS.	K 1	49	55.5	127	18.7	84	06	23	11			X		X	GLDL		
OFF VAN. IS.	K 2	49	53.9	127	21.7	84	06	23	11			X		X	GLDL		
OFF VAN. IS.	K 3	49	50.5	127	27.6	84	06	23	12			X		X	GLDL		
OFF VAN. IS.	K 4	49	46.9	127	33.6	84	06	23	13			X		X	GLDL		
OFF VAN. IS.	K 5	49	43.3	127	39.6	84	06	23	14			X		X	GLDL		
OFF VAN. IS.	K 6	49	39.5	127	45.8	84	06	23	15			X		X	GLDL		
OFF VAN. IS.	K 7	49	35.7	127	52.1	84	06	23	16			X		X	GLDL		
OFF VAN. IS.	K8A	49	26.0	127	50.0	84	06	23	17			X		X	GLDL		
OFF VAN. IS.	J 7	49	24.2	127	35.0	84	06	23	19			X		X	GLDL		
OFF VAN. IS.	J 1	49	44.3	127	2.5	84	06	24	02			X		X	GLDL		
OFF VAN. IS.	J 2	49	42.6	127	5.3	84	06	24	02			X		X	GLDL		
OFF VAN. IS.	J 3	49	39.1	127	11.1	84	06	24	03			X		X	GLDL		
OFF VAN. IS.	J 4	49	35.5	127	16.9	84	06	24	04			X		X	GLDL		
OFF VAN. IS.	H 1	49	34.3	126	44.2	84	06	24	06			X		X	GLDL		
OFF VAN. IS.	H 2	49	32.2	126	47.4	84	06	24	06			X		X	GLDL		
OFF VAN. IS.	H 3	49	28.7	126	52.9	84	06	24	07			X		X	GLDL		
OFF VAN. IS.	H 4	49	24.9	126	58.7	84	06	24	08			X		X	GLDL		
OFF VAN. IS.	H 5	49	21.3	127	4.5	84	06	24	08			X		X	GLDL		
OFF VAN. IS.	H 6	49	17.6	127	10.4	84	06	24	09			X		X	GLDL		
OFF VAN. IS.	H 7	49	13.7	127	16.4	84	06	24	10			X		X	GLDL		
OFF VAN. IS.	H 8	49	9.7	127	22.5	84	06	24	11			X		X	GLDL		
OFF VAN. IS.	H 9	49	5.6	127	28.7	84	06	24	12			X		X	GLDL		
OFF VAN. IS.	LP4	48	46.0	127	40.0	84	06	24	15			X		X	GLDL		
OFF VAN. IS.	G 7	48	59.4	127	7.2	84	06	24	18			X		X	GLDL		
OFF VAN. IS.	G 6	49	3.5	127	1.2	84	06	24	19			X		X	GLDL		
OFF VAN. IS.	G 5	49	7.4	126	55.3	84	06	24	22			X		X	GLDL		
OFF VAN. IS.	G 4	49	11.3	126	49.4	84	06	25	00			X		X	GLDL		
OFF VAN. IS.	G3A	49	13.1	126	46.4	84	06	25	01			X		X	GLDL		
OFF VAN. IS.	G 3	49	15.0	126	43.7	84	06	25	01			X		X	GLDL		
OFF VAN. IS.	G2A	49	16.8	126	40.9	84	06	25	02			X		X	GLDL		
OFF VAN. IS.	G 2	49	18.7	126	38.1	84	06	25	02			X		X	GLDL		

OFF VAN. IS.	G 1	49 20.5	126 35.0	84 06 25 03	X	X	GLDL
OFF VAN. IS.	F 1	49 14.8	126 14.3	84 06 25 05	X	X	GLDL
OFF VAN. IS.	F 2	49 13.2	126 16.5	84 06 25 06	X	X	GLDL
OFF VAN. IS.	F 3	49 9.6	126 21.9	84 06 25 06	X	X	GLDL
OFF VAN. IS.	F 4	49 5.9	126 27.5	84 06 25 07	X	X	GLDL
OFF VAN. IS.	F 5	49 2.0	126 33.2	84 06 25 08	X	X	GLDL
OFF VAN. IS.	F 6	48 58.1	126 38.9	84 06 25 09	X	X	GLDL
OFF VAN. IS.	F 7	48 54.1	126 44.8	84 06 25 10	X	X	GLDL
OFF VAN. IS.	F 8	48 50.0	126 50.7	84 06 25 10	X	X	GLDL
OFF VAN. IS.	F 9	48 45.8	126 56.8	84 06 25 12	X	X	GLDL
OFF VAN. IS.	E 9	48 36.1	126 44.3	84 06 25 13	X	X	GLDL
OFF VAN. IS.	E 8	48 40.4	126 38.3	84 06 25 14	X	X	GLDL
OFF VAN. IS.	E 7	48 44.6	126 32.4	84 06 25 15	X	X	GLDL
OFF VAN. IS.	E 6	48 48.7	126 26.6	84 06 25 17	X	X	GLDL
OFF VAN. IS.	E 5	48 52.7	126 20.8	84 06 25 18	X	X	GLDL
OFF VAN. IS.	E4A	48 54.7	126 18.0	84 06 25 19	X	X	GLDL
OFF VAN. IS.	E 4	48 56.6	126 15.2	84 06 25 20	X	X	GLDL
OFF VAN. IS.	E3A	48 58.5	126 12.4	84 06 25 21	X	X	GLDL
OFF VAN. IS.	E 3	49 0.4	126 9.6	84 06 25 21	X	X	GLDL
OFF VAN. IS.	E2A	49 2.3	126 6.9	84 06 25 22	X	X	GLDL
OFF VAN. IS.	E 2	49 4.1	126 4.2	84 06 25 22	X	X	GLDL
OFF VAN. IS.	E 1	49 6.0	126 1.2	84 06 25 23	X	X	GLDL
OFF VAN. IS.	D 2	48 54.9	125 41.0	84 06 26 00	X	X	GLDL
OFF VAN. IS.	D 3	48 51.2	125 46.4	84 06 26 01	X	X	GLDL
OFF VAN. IS.	D 4	48 47.3	125 51.9	84 06 26 02	X	X	GLDL
OFF VAN. IS.	D 5	48 43.4	125 57.5	84 06 26 03	X	X	GLDL
OFF VAN. IS.	D 6	48 39.3	126 3.2	84 06 26 03	X	X	GLDL
OFF VAN. IS.	D 7	48 35.1	126 8.9	84 06 26 04	X	X	GLDL
OFF VAN. IS.	D 8	48 30.8	126 14.7	84 06 26 05	X	X	GLDL
OFF VAN. IS.	D 9	48 26.4	126 20.7	84 06 26 06	X	X	GLDL
OFF VAN. IS.	D10	48 21.9	126 26.7	84 06 26 07	X	X	GLDL
OFF VAN. IS.	D10A	48 17.8	126 11.3	84 06 26 09	X	X	GLDL
OFF VAN. IS.	C 9	48 13.7	126 1.2	84 06 26 10	X	X	GLDL
OFF VAN. IS.	C 8	48 18.3	125 55.2	84 06 26 11	X	X	GLDL
OFF VAN. IS.	C 7	48 22.8	125 49.4	84 06 26 12	X	X	GLDL
OFF VAN. IS.	C 6	48 27.2	125 43.7	84 06 26 14	X	X	GLDL
OFF VAN. IS.	C 5	48 31.4	125 38.0	84 06 26 15	X	X	GLDL
OFF VAN. IS.	C 4	48 35.5	125 32.4	84 06 26 15	X	X	GLDL
OFF VAN. IS.	C 3	48 39.5	125 26.8	84 06 26 16	X	X	GLDL
OFF VAN. IS.	C 2	48 43.5	125 21.4	84 06 26 17	X	X	GLDL
OFF VAN. IS.	C 1	48 46.3	125 17.2	84 06 26 18	X	X	GLDL
OFF VAN. IS.	B 1	48 40.2	124 59.3	84 06 26 19	X	X	GLDL
OFF VAN. IS.	B 2	48 38.0	125 1.8	84 06 26 20	X	X	GLDL
OFF VAN. IS.	B 3	48 34.3	125 5.5	84 06 26 20	X	X	GLDL
OFF VAN. IS.	B 4	48 30.4	125 11.0	84 06 26 21	X	X	GLDL
OFF VAN. IS.	B 5	48 26.2	125 16.5	84 06 26 22	X	X	GLDL
OFF VAN. IS.	B 6	48 21.9	125 22.2	84 06 26 23	X	X	GLDL
OFF VAN. IS.	B 7	48 17.5	125 27.8	84 06 26 23	X	X	GLDL
OFF VAN. IS.	B 8	48 13.0	125 33.6	84 06 27 00	X	X	GLDL
OFF VAN. IS.	S 7	48 11.4	125 24.8	84 06 27 01	X	X	GLDL
OFF VAN. IS.	S 7	48 11.4	125 24.8	84 06 27 01	X	X	GLDL
OFF VAN. IS.	S 6	48 9.9	125 16.6	84 06 27 02	X	X	GLDL
OFF VAN. IS.	S5A5	48 8.8	125 11.1	84 06 27 02	X	X	GLDL
OFF VAN. IS.	S 4	48 7.5	125 5.2	84 06 27 03	X	X	GLDL
OFF VAN. IS.	S3A	48 6.5	125 0.1	84 06 27 04	X	X	GLDL
OFF VAN. IS.	S2A	48 6.1	124 56.9	84 06 27 05	X	X	GLDL
OFF VAN. IS.	S 2	48 5.1	124 53.4	84 06 27 05	X	X	GLDL
OFF VAN. IS.	S1A	48 4.6	124 50.7	84 06 27 06	X	X	GLDL
OFF VAN. IS.	S 1	48 3.7	124 47.2	84 06 27 06	X	X	GLDL
OFF VAN. IS.	R 1	48 16.6	124 46.1	84 06 27 08	X	X	GLDL
OFF VAN. IS.	R 2	48 17.1	124 48.8	84 06 27 08	X	X	GLDL
OFF VAN. IS.	R2A	48 17.4	124 51.2	84 06 27 09	X	X	GLDL
OFF VAN. IS.	R 3	48 17.9	124 54.2	84 06 27 10	X	X	GLDL
OFF VAN. IS.	R4A3	48 17.8	124 59.0	84 06 27 12	X	X	GLDL
OFF VAN. IS.	R 5	48 18.7	125 3.7	84 06 27 14	X	X	GLDL
OFF VAN. IS.	R 6	48 19.9	125 11.8	84 06 27 15	X	X	GLDL
OFF VAN. IS.	R6A	48 21.0	125 17.0	84 06 27 16	X	X	GLDL
OFF VAN. IS.	A 6	48 5.5	125 16.7	84 06 27 19	X	X	GLDL
OFF VAN. IS.	A 5	48 8.1	125 11.0	84 06 27 20	X	X	GLDL
OFF VAN. IS.	A 4	48 12.9	125 2.3	84 06 27 21	X	X	GLDL
OFF VAN. IS.	A 3	48 17.8	124 59.0	84 06 27 22	X	X	GLDL
OFF VAN. IS.	A 2	48 22.1	124 54.0	84 06 27 23	X	X	GLDL
OFF VAN. IS.	A 1	48 25.8	124 50.0	84 06 27 23	X	X	GLDL
OFF VAN. IS.	P 1	48 33.3	124 40.2	84 06 28 01	X	X	GLDL
OFF VAN. IS.	P 2	48 32.4	124 40.3	84 06 28 02	X	X	GLDL
OFF VAN. IS.	P 3	48 30.5	124 40.2	84 06 28 02	X	X	GLDL
OFF VAN. IS.	P 4	48 28.4	124 40.4	84 06 28 03	X	X	GLDL
OFF VAN. IS.	P 5	48 26.5	124 40.6	84 06 28 03	X	X	GLDL
OFF VAN. IS.	P 6	48 25.4	124 40.7	84 06 28 03	X	X	GLDL

11.2 CURRENT-METER DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; wherever possible it is the station number assigned in the original data source. Multiple meters are differentiated as 1.1, 1.2, 1.3, for example.
LAT, LONG	In degrees and minutes.
START/STOP	Instrument start and stop time; year, month, day.
EFF LEN	Effective record length, days of both speed and direction data. May be blank if not obvious from the available documentation.
DT (MN)	Sampling interval in minutes.
DEPTHS-INSTR/WATER	Instrument and water depth, in metres.
INSTR TYPE	Instrument type: AAND - Aanderaa RCM-4 or RCM-5 (rotor and vane) AMF - AMF vector averaging (rotor and vane) BR - Braincon (rotor and vane) CMDR - CMDR (modified to record on Aanderaa-type tape) CUSH - Cushing (electromagnetic) DRAG - Timed displacement of drogue EKMN - Ekman (rotor and vane) ENDE - Endeco (rotor and vane) GEOD - Geodyne (rotor and vane) GEOM - GeoMarine GO - General Oceanics HYDR - Hydrowerkstatten (rotor and vane) HYPR - Hydro Products (rotor and vane) HYTC - Hytech (rotor and vane) M-MC - Marsh McBirney (electromagnetic) NEYR - Neyrpic (cup and vane) NB - Neil Brown (acoustic) SETR - Sea-Track (rotor and vane)
ADDIT SENSOR	Other parameters measured - pressure, temperature, conductivity. Each measurement is qualified by one of the following: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings O - obviously bad readings

Blank entries indicate unavailable or inapplicable data.
? implies suspect data, but the only/best available.

CURRENT METER DATA SET NUMBER: 50-0012
YEAR:1950 VESSEL/AGENCY: EHKOLI,POG

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
BARKLEY SOUND	2	48 55.8	125 26.5	50 04 04	50 04 04			0	51		
BARKLEY SOUND	4	48 56.2	125 21.0	50 04 04	50 04 04			0	44		
BARKLEY SOUND	5	48 57.7	125 19.8	50 04 04	50 04 04			0	40		
BARKLEY SOUND	6	48 59.1	125 18.9	50 04 04	50 04 04			0	37		
BARKLEY SOUND	8	49 00.2	125 21.4	50 04 04	50 04 04			0	33		
BARKLEY SOUND	15	48 56.8	125 15.3	50 04 12	50 04 12			0	55		
BARKLEY SOUND	23	48 56.3	125 23.9	50 04 20	50 04 20			0	51		
BARKLEY SOUND	24	48 55.9	125 22.0	50 04 24	50 04 24			0	49		
BARKLEY SOUND	25	48 56.0	125 26.8	50 04 21	50 04 21			0	53		

CURRENT METER DATA SET NUMBER: 55-0013
YEAR:1955 VESSEL/AGENCY: CEDARWOOD,POG

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
Q.C. SOUND	9	50 55.7	129 06.0	55 06 01	55 06 03			0	84	DRAG	
Q.C. SOUND	9	50 55.7	129 06.0	55 06 01	55 06 03			10	84	EKMN	
Q.C. SOUND	9	50 55.7	129 06.0	55 06 01	55 06 03			20	84	EKMN	
Q.C. SOUND	9	50 55.7	129 06.0	55 06 01	55 06 03			30	84	EKMN	
Q.C. SOUND	9	50 55.7	129 06.0	55 06 01	55 06 03			50	84	EKMN	
Q.C. SOUND	9	50 55.7	129 06.0	55 06 01	55 06 03			75	84	EKMN	

CURRENT METER DATA SET NUMBER: 57-0026
YEAR:1957 VESSEL/AGENCY: EHKOLI,POG

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
QUATSINO SOUND	Q-19	50 23.0	127 27.4	57 08 17	57 08 18	1	60	0	31	DRAG	
QUATSINO SOUND	Q-19	50 23.0	127 27.4	57 08 17	57 08 18	1	60	5	31	EKMN	
QUATSINO SOUND	Q-19	50 23.0	127 27.4	57 08 17	57 08 18	1	60	14	31	EKMN	
QUATSINO SOUND	Q-19	50 23.0	127 27.4	57 08 17	57 08 18	1	60	27	31	EKMN	

CURRENT METER DATA SET NUMBER: 57-0027
YEAR:1957 VESSEL/AGENCY: EHKOLI,POG

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
ALBERNI INLET	A-9	49 14.0	124 49.4	57 08 21	57 08 22		60	5	13	EKMN	
ALBERNI INLET	A-9	49 14.0	124 49.4	57 08 21	57 08 22		60	9	13	EKMN	
ALBERNI INLET	A-9	49 14.0	124 49.4	57 08 21	57 08 22	1	60	0	13	DRAG	

CURRENT METER DATA SET NUMBER: 58-0028
YEAR:1958 VESSEL/AGENCY: VITYAZ(USSR)

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
B.C. OFFSHORE		49	39.0	133	59.0	58	11	22	58	11	23	1	60				

CURRENT METER DATA SET NUMBER: 59-0011A
YEAR:1959 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
BARKLEY SOUND	34	48	54.2	125	33.7	59	06	14	59	06	15	1	80	0	91	DRAG	
BARKLEY SOUND	34	48	54.2	125	33.7	59	06	14	59	06	15	1	80	10	91	EKMN	
BARKLEY SOUND	34	48	54.2	125	33.7	59	06	14	59	06	15	1	80	50	91	EKMN	
BARKLEY SOUND	34	48	54.2	125	33.7	59	06	14	59	06	15	1	80	90	91	EKMN	

CURRENT METER DATA SET NUMBER: 60-0026
YEAR:1960 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
OFF VAN. IS.	2	48	47.0	125	45.0	60	06	06	60	06	08	2		0		DRAG	
OFF VAN. IS.	2	48	47.0	125	45.0	60	06	06	60	06	08	2		25		EKMN	
OFF VAN. IS.	2	48	47.0	125	45.0	60	06	06	60	06	08	2		40		EKMN	
OFF VAN. IS.	13	49	17.0	126	44.0	60	06	12	60	06	14	2		0		DRAG	
OFF VAN. IS.	13	49	17.0	126	44.0	60	06	12	60	06	14	2		25		EKMN	
OFF VAN. IS.	13	49	17.0	126	44.0	60	06	12	60	06	14	2		50		EKMN	

CURRENT METER DATA SET NUMBER: 60-0027
YEAR:1960 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
OFF VAN. IS.	2	48	47.0	125	45.0	60	11	27	60	11	28	1		0		DRAG	
OFF VAN. IS.	2	48	47.0	125	[illegible].0	60	11	27	60	11	28	1		30		EKMN	

CURRENT METER DATA SET NUMBER: 60-0034
YEAR:1960 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
OFF VAN. IS.	1	48	52.0	125	35.0	60	05	04	60	05	05	1		0		DRAG	
OFF VAN. IS.	1	48	52.0	125	35.0	60	05	04	60	05	05	1		10		EKMN	
OFF VAN. IS.	1	48	52.0	125	35.0	60	05	04	60	05	05	1		25		EKMN	
OFF VAN. IS.	1	48	52.0	125	35.0	60	05	04	60	05	05	1		40		EKMN	
OFF VAN. IS.	6	48	37.0	126	06.0	60	05	06	60	05	07	1		0		DRAG	
OFF VAN. IS.	6	48	37.0	126	06.0	60	05	06	60	05	07	1		10		EKMN	
OFF VAN. IS.	6	48	37.0	126	06.0	60	05	06	60	05	07	1		50		EKMN	
OFF VAN. IS.	6	48	37.0	126	06.0	60	05	06	60	05	07	1		100		EKMN	
OFF VAN. IS.	19	49	19.0	126	44.0	60	05	11	60	05	12	1		0		DRAG	
OFF VAN. IS.	19	49	19.0	126	44.0	60	05	11	60	05	12	1		10		EKMN	
OFF VAN. IS.	19	49	19.0	126	44.0	60	05	11	60	05	12	1		25		EKMN	
OFF VAN. IS.	19	49	19.0	126	44.0	60	05	11	60	05	12	1		50		EKMN	
OFF VAN. IS.	19	49	19.0	126	44.0	60	05	11	60	05	12	1		75		EKMN	
OFF VAN. IS.	20	48	54.0	126	10.0	60	05	12	60	05	13	1		0		DRAG	
OFF VAN. IS.	20	48	54.0	126	10.0	60	05	12	60	05	13	1		10		EKMN	
OFF VAN. IS.	20	48	54.0	126	10.0	60	05	12	60	05	13	1		25		EKMN	

CURRENT METER DATA SET NUMBER: 60-0039
YEAR:1960 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
OFF VAN. IS.	2	48	47.0	125	45.0	60	10	03	60	10	06	3		0		DRAG	
OFF VAN. IS.	2	48	47.0	125	45.0	60	10	03	60	10	06	3		25		EKMN	
OFF VAN. IS.	2	48	47.0	125	45.0	60	10	03	60	10	06	3		50		EKMN	

CURRENT METER DATA SET NUMBER: 61-0016
YEAR:1961 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
OFF VAN. IS.	2	48	48.0	125	45.0	61	04	06	61	04	08	2		0		DRAG	
OFF VAN. IS.	2	48	48.0	125	45.0	61	04	06	61	04	08	2		50		EKMN	
OFF VAN. IS.	6	48	36.0	126	07.0	61	04	08	61	04	10	2		0		DRAG	
OFF VAN. IS.	6	48	36.0	126	07.0	61	04	08	61	04	10	2		150		EKMN	

CURRENT METER DATA SET NUMBER: 61-0034
YEAR:1961 VESSEL/AGENCY: WHITETHROAT,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
MUCHALAT INLET	M-11	49	40.4	126	07.4	61	10	07	61	10	08		60	2	53	EKMN	
MUCHALAT INLET	M-11	49	40.4	126	07.4	61	10	07	61	10	08		60	5	53	EKMN	
MUCHALAT INLET	M-11	49	40.4	126	07.4	61	10	07	61	10	08		60	10	53	EKMN	

MUCHALAT INLET	M-11	49	40.4	126	07.4	61	10	07	61	10	08		60	20	53	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	61	10	07	61	10	08		60	30	53	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	61	10	07	61	10	08		60	40	53	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	61	10	07	61	10	08	1	30	0	53	DRAG			

CURRENT METER DATA SET NUMBER: 61-0042
YEAR:1961 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
OFF VAN. IS.	2	48	48.0	125	44.0	61	02	21	61	02	21	.2		0	36	DRAG			
OFF VAN. IS.	2	48	48.0	125	44.0	61	02	21	61	02	21	.2		40	36	EKMN			

CURRENT METER DATA SET NUMBER: 62-0030B
YEAR:1962 VESSEL/AGENCY: OSHAWA,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
MUCHALAT INLET	M-11	49	40.4	126	07.4	62	11	02	62	11	03		60	5	54	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	62	11	02	62	11	03		60	10	54	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	62	11	02	62	11	03		60	15	54	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	62	11	02	62	11	03		60	20	54	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	62	11	02	62	11	03		60	30	54	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	62	11	02	62	11	03		60	40	54	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.4	62	11	02	62	11	03	1	30	0	54	DRAG			

CURRENT METER DATA SET NUMBER: 66-0027B
YEAR:1966 VESSEL/AGENCY: LAYMORE,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
MUCHALAT INLET	M-11	49	40.4	126	07.5	66	08	20	66	08	21		60	5	100	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.5	66	08	20	66	08	21		60	10	100	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.5	66	08	20	66	08	21		60	15	100	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.5	66	08	20	66	08	21		60	20	100	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.5	66	08	20	66	08	21		60	30	100	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.5	66	08	20	66	08	21		60	40	100	EKMN			
MUCHALAT INLET	M-11	49	40.4	126	07.5	66	08	20	66	08	21	1	30	0	100	DRAG			

CURRENT METER DATA SET NUMBER: 67-0029
YEAR:1967 VESSEL/AGENCY: SEDCO 135F,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
B.C. OFFSHORE	I-65	48	55.0	126	06.0	67	11	05	67	11	11		1			HYPR			
B.C. OFFSHORE	I-65	48	55.0	126	06.0	67	11	05	67	11	11		1			HYPR			
B.C. OFFSHORE	I-65	48	55.0	126	06.0	67	11	14	67	11	19		1			HYPR			

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B.C. OFFSHORE   I-65 48 55.0  126 06.0  67 11 14 67 11 19       1             HYPR
B.C. OFFSHORE   I-65 48 55.0  126 06.0  67 12 15 67 12 16       1             HYPR
B.C. OFFSHORE   I-65 48 55.0  126 06.0  67 12 15 67 12 16       1             HYPR


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CURRENT METER DATA SET NUMBER:  68-0026
YEAR:1968          VESSEL/AGENCY: SEDCO 135F,POG

    AREA        STN    LAT      LON       START    STOP    EFF DT   DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

B.C. OFFSHORE   I-65 48 55.0  126 06.0  68 01 26 68 01 29       1             HYPR
B.C. OFFSHORE   I-65 48 55.0  126 06.0  68 01 26 68 01 29       1             HYPR
B.C. OFFSHORE   D-14 48 53.0  126 03.0  68 03 26 68 03 27       1             HYPR
B.C. OFFSHORE   D-14 48 53.0  126 03.0  68 03 26 68 03 27       1             HYPR
B.C. OFFSHORE   J-14 49 24.0  127 02.0  68 11 23 68 12 12       1             HYPR


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CURRENT METER DATA SET NUMBER:  69-0046
YEAR:1969          VESSEL/AGENCY: PARIZEAU,DREP/PEI

    AREA        STN    LAT      LON       START    STOP    EFF DT   DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

B.C. OFFSHORE        53 18.4  135 39.7  69 08 13 69 08 14      .5    20    73 HYTC


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CURRENT METER DATA SET NUMBER:  69-0051A
YEAR:1969          VESSEL/AGENCY: MAR.SC.DIR.

    AREA        STN    LAT      LON       START    STOP    EFF DT   DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

FATTY BASIN          48 59.0  125 02.0  69 05 06 69 05 07
FATTY BASIN          48 56.0  125 02.0  69 06 07 69 07 07
```

CURRENT METER DATA SET NUMBER: 70-0047
YEAR:1970 VESSEL/AGENCY: E.P. ALBERNI,PBS

AREA	STN	LAT		LON		START			STOP			EFF LEN	DT MN	DEPTHS		INST TYPE	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY			INSTR	WATER		P	T	C
ALBERNI INLET	1	49	14.0	124	49.0	70	05	20	70	07	02								
ALBERNI INLET	3	48	57.0	125	02.0	70	05	20	70	07	12								
ALBERNI INLET	5	48	51.0	125	09.0	70	05	27	70	07	23								
ALBERNI INLET	1	49	14.0	124	49.0	70	07	16	70	08	13								
ALBERNI INLET	3	48	57.0	125	02.0	70	07	16	70	07	23								
ALBERNI INLET	3	48	57.0	125	02.0	70	07	30	70	08	13								
ALBERNI INLET	5	48	51.0	125	09.0	70	07	30	70	08	07								
ALBERNI INLET	5	48	51.0	125	09.0	70	08	14	70	10	11								

CURRENT METER DATA SET NUMBER: 71-0062A
YEAR:1971 VESSEL/AGENCY: PBS

AREA	STN	LAT		LON		START			STOP			EFF LEN	DT MN	DEPTHS		INST TYPE	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY			INSTR	WATER		P	T	C
ALBERNI INLET		49	06.0	124	50.0	71	02	17	71	02	18								
ALBERNI INLET		49	06.0	124	50.0	71	02	22	71	02	23								
ALBERNI INLET		49	06.0	124	49.0	71	02	23	71	02	24								
ALBERNI INLET		49	11.0	124	50.0	71	03	01	71	03	02								
ALBERNI INLET		49	11.0	124	49.0	71	03	10	71	03	11								

CURRENT METER DATA SET NUMBER: 71-0099A
YEAR:1971 VESSEL/AGENCY: PARIZEAU,CHS

AREA	STN	LAT		LON		START			STOP			EFF LEN	DT MN	DEPTHS		INST TYPE	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY			INSTR	WATER		P	T	C
ALBERNI INLET		48	57.9	124	59.1	71	02		71	05			10	17	200	NEYR			
ALBERNI INLET		48	57.9	124	59.1	71	02		71	05			10	60	200	NEYR			
ALBERNI INLET		48	57.9	124	59.1	71	02		71	05			10	180	200	NEYR			
ALBERNI INLET		48	58.15	124	59.45	71	02		71	05			10	17	200	NEYR			
ALBERNI INLET		48	58.15	124	59.45	71	02		71	05			10	60	200	NEYR			
ALBERNI INLET		48	58.15	124	59.45	71	02		71	05			10	180	200	NEYR			
ALBERNI INLET		49	01.7	124	51.3	71	02		71	05			10	15	330	NEYR			
ALBERNI INLET		49	01.8	124	51.6	71	02		71	05			10	15	330	NEYR			
ALBERNI INLET		49	06.35	124	49.15	71	02		71	05			10	2	25	NEYR			
ALBERNI INLET		49	06.35	124	49.2	71	02		71	05			10	15	30	NEYR			
ALBERNI INLET		49	06.35	124	49.35	71	02		71	05			10	15	30	NEYR			
ALBERNI INLET		49	06.35	124	49.45	71	02		71	05			10	2	5	NEYR			
ALBERNI INLET		49	06.45	124	49.2	71	02		71	05			10	40	40	NEYR			
ALBERNI INLET		49	11.1	124	49.1	71	02		71	05			10	25	90	NEYR			
ALBERNI INLET		49	11.1	124	49.1	71	02		71	05			10	60	90	NEYR			
ALBERNI INLET		49	13.8	124	48.85	71	02		71	05			10	2	20	NEYR			

CURRENT METER DATA SET NUMBER: 73-0119
YEAR:1973 VESSEL/AGENCY: OCEANOGRAPHER,NOAA

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P	T	C
OFF VANC. IS.		48	58.2	127	17.1	73	08	21	73	09	08	18	15	1961	1999	GEOD			

CURRENT METER DATA SET NUMBER: 74-0057
YEAR:1974 VESSEL/AGENCY: MEDS/IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P	T	C
OFF VANC. IS.	MS	49	02.1	126	14.4	74	11	28	75	02	10	70	30	45	90	AAND	X	X	
OFF VANC. IS.	MS	49	02.1	126	14.4	74	11	28	75	02	10	74	30	20	90	AAND	X	X	
OFF VANC. IS.	OS	48	53.8	126	29.7	74	11	28	75	02	11	75	30	20	180	AAND	X	X	
OFF VANC. IS.	OS	48	53.8	126	29.7	74	11	28	75	02	11	75	30	180	180	AAND		X	
OFF VANC. IS.	MS	49	02.0	126	14.4	75	02	11	75	04	08	55	30	29	95	AAND		X	
OFF VANC. IS.	MS	49	02.0	126	14.4	75	02	11	75	04	08	55	30	53	95	AAND	X	X	
OFF VANC. IS.	MS	49	02.0	126	14.4	75	02	11	75	04	08	55	30	91	95	AAND			
OFF VANC. IS.	OS	48	55.5	126	32.0	75	02	12	75	04	08	54	30	22	200	AAND	X	X	
OFF VANC. IS.	OS	48	55.5	126	32.0	75	02	12	75	04	08	54	30	200	200	AAND		X	

CURRENT METER DATA SET NUMBER: 74-0112
YEAR:1974 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P	T	C
QUATSINO SOUND	I	50	33.8	127	33.2	74	04	20	74	05	07	17	5	5		AAND		X	X
QUATSINO SOUND	I	50	33.8	127	33.2	74	04	20	74	05	07	17	5	70		AAND		X	X
QUATSINO SOUND	I	50	33.8	127	33.2	74	04	20	74	05	07	17	5	155		AAND		X	X

CURRENT METER DATA SET NUMBER: 75-0121
YEAR:1975 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P	T	C
QUATSINO SOUND		50	30.31	127	40.88	75	05	14	75	08	21	100	20	10		AAND		X	X
QUATSINO SOUND		50	30.31	127	40.88	75	05	14	75	08	21	100	20	30		AAND		X	X
HOLBERG INLET		50	34.41	127	34.36	75	05	14	75	08	17	95	20	30		AAND		X	X
HOLBERG INLET		50	34.41	127	34.36	75	05	14	75	08	17	95	20	164		AAND		X	X

CURRENT METER DATA SET NUMBER: 75-0122
YEAR:1975 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
HOLBERG INLET		50	34.41	127	34.36	75	08	18	75	12	08	112	30	32		AAND		X	X
HOLBERG INLET		50	34.41	127	34.36	75	08	18	75	12	08	112	30	164		AAND		X	X
QUATSINO SOUND	QS	50	30.31	127	40.88	75	08	21	75	12	09	110	30	10		AAND		X	X
QUATSINO SOUND	QS	50	30.31	127	40.88	75	08	21	75	12	09	110	30	30		AAND		X	X
QUATSINO NARR.	QN	50	33.05	127	33.25	75	08	26	75	09	09	14	5	5		AAND		X	X
RUPERT-HOLBERG		50	33.78	127	33.15	75	08	28	75	08	31	3	.5	10		AAND		X	X
RUPERT-HOLBERG		50	33.78	127	33.15	75	08	28	75	08	31	3	.5	70		AAND		X	X
RUPERT-HOLBERG		50	33.78	127	33.15	75	08	28	75	08	31	3	.5	140		AAND		X	X
RUPERT-HOLBERG		50	33.78	127	33.17	75	09	01	75	09	15	4	.5	5		AAND		X	X
RUPERT-HOLBERG		50	33.78	127	33.17	75	09	01	75	09	15	4	.5	40		AAND		X	X
RUPERT-HOLBERG		50	33.78	127	33.17	75	09	01	75	09	15	4	.5	100		AAND		X	X
RUPERT-HOLBERG		50	33.93	127	33.10	75	09	02	75	09	09	7	1	20		AAND		X	X
RUPERT-HOLBERG		50	33.93	127	33.10	75	09	02	75	09	09	7	1	65		AAND		X	X
RUPERT-HOLBERG		50	33.93	127	33.10	75	09	02	75	09	09	7	1	145		AAND		X	X
RUPERT-HOLBERG		50	33.94	127	33.53	75	09	06	75	09	09	3	.5	20		AAND		X	X
RUPERT-HOLBERG		50	33.94	127	33.53	75	09	06	75	09	09	3	.5	65		AAND		X	X
RUPERT-HOLBERG		50	33.94	127	33.53	75	09	06	75	09	09	3	.5	145		AAND		X	X
QUATSINO NARR.	QN	50	33.05	127	33.25	75	09	09	75	10	29	12	5	5		AAND		X	X

CURRENT METER DATA SET NUMBER: 75-0123
YEAR:1975 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
HOLBERG INLET		50	34.41	127	34.36	75	12	05	76	04	06	124	20	32		AAND		X	X
HOLBERG INLET		50	34.41	127	34.36	75	12	05	76	04	06	124	20	85		AAND		X	X
HOLBERG INLET		50	34.41	127	34.36	75	12	05	76	04	06	124	20	155		AAND		X	X
QUATSINO NARR.	QN	50	33.05	127	33.25	75	12	06	76	04	12	128	20	5		AAND		X	X

CURRENT METER DATA SET NUMBER: 75-0128
YEAR:1975 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
HOLBERG INLET	H32	50	34.41	127	34.36	75	03	14	75	05	13			32		AAND		X	X
QUATSINO SOUND	Q10	50	30.31	127	40.88	75	03	14	75	05	13			10		AAND		X	X
QUATSINO SOUND	Q30	50	30.31	127	40.88	75	03	14	75	05	13			30		AAND		X	X
HOLBERG INLET	H164	50	34.41	127	34.36	75	03	14	75	05	13			164		AAND		X	X

CURRENT METER DATA SET NUMBER: 76-0103
YEAR:1976 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
QUATSINO SOUND		50	30.31	127	40.88	76	04	07	76	05	26	51	20	30		AAND		X	X
QUATSINO SOUND		50	30.31	127	40.88	76	04	07	76	05	26	52	20	10		AAND		X	X
RUPERT	RUPRT					76	04	08	76	05	27	53	20	28		AAND		X	X
RUPERT	RUPRT					76	04	08	76	05	27	53	20	83		AAND		X	X
RUPERT	RUPRT					76	04	08	76	05	27	53	20	153		AAND		X	X

CURRENT METER DATA SET NUMBER: 77-0057A
YEAR:1977 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
OFF Q.C. SOUND	Q03	50	58.5	129	17.6	77	05	17	77	07	14	58		17		AAND			
OFF Q.C. SOUND	Q03	50	58.5	129	17.6	77	05	17	77	07	14	58		160		AAND			
OFF Q.C. SOUND	Q05	51	22.0	130	01.0	77	05	18	77	07	19	62		7		AAND			
OFF Q.C. SOUND	Q05	51	22.0	130	01.0	77	05	18	77	07	19	62		275		AAND			

CURRENT METER DATA SET NUMBER: 77-0057B
YEAR:1977 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
OFF Q.C. SOUND	Q03	50	58.9	129	16.9	77	07	15	77	09	20	67		10		AAND			
OFF Q.C. SOUND	Q03	50	58.9	129	16.9	77	07	15	77	09	20	67		160		AAND			

CURRENT METER DATA SET NUMBER: 77-0083
YEAR:1977 VESSEL/AGENCY: IOS,DOBROCKY

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
ALBERNI INLET		49	10.3	124	49.0	77	11	10	77	11	24	14		50	110	AAND	X	X	X
ALBERNI INLET		49	10.3	124	49.0	77	11	10	77	11	24	14		75	110	AAND	X	X	X
ALBERNI INLET		49	10.3	124	49.0	77	11	10	77	11	24	14		100	110	AAND	X	X	X

CURRENT METER DATA SET NUMBER: 79-0068
YEAR:1979 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
ALBERNI INLET	OUTER	48	57.08	125	01.35	79	04	19	79	08	22	125	30	110		AAND			
ALBERNI INLET	OUTER	48	57.08	125	01.35	79	04	19	79	08	22	125	30	170		AAND			
ALBERNI INLET	JP	48	57.0	125	02.0	79	04	21	80	12	31								
ALBERNI INLET	JP	48	57.0	125	02.0	79	04	21	80	12	31								

CURRENT METER DATA SET NUMBER: 79-0069
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
B.C. OFFSHORE	E01	49	20.5	126	47.5	79	05	07	79	10	10		30	55		AAND	X	X	X
B.C. OFFSHORE	E01	49	20.5	126	47.5	79	05	07	79	10	10		30	89		AAND		X	X
B.C. OFFSHORE	E02	49	16.0	126	54.0	79	05	08	79	07	25		30	50		GEOD			
B.C. OFFSHORE	E02	49	15.6	126	54.0	79	05	07	79	09	13		30	100		AAND		X	X
B.C. OFFSHORE	E03	49	06.0	127	08.7	79	05	08	79	09	12		30	315		AAND	X	X	X
B.C. OFFSHORE	E04	48	58.0	127	18.3	79	05	08	79	09	21		30	335		AAND	X	X	X
B.C. OFFSHORE	E04	48	58.0	127	18.3	79	05	08	79	09	21		30	535		AAND		X	X
B.C. OFFSHORE	E04	48	58.0	127	19.3	79	05	08	79	09	21		30	735		AAND		X	X
B.C. OFFSHORE	E04	48	58.0	127	19.3	79	05	08	79	09	21		30	1235		AAND		X	X
B.C. OFFSHORE	E05	48	48.1	127	35.3	79	05	09	79	09	11		30	450		AAND	X	X	
B.C. OFFSHORE	E05	48	48.1	127	35.3	79	05	09	79	09	03		30	950		AAND		X	X
B.C. OFFSHORE	B01	50	05.4	127	58.6	79	05	11	79	09	17		30	113	130	AAND		X	X
B.C. OFFSHORE	B03	49	38.0	128	41.6	79	05	11	79	09	16		30	465		AAND		X	X
B.C. OFFSHORE	B03	49	38.0	128	41.6	79	05	11	79	09	16		30	965		AAND		X	X
B.C. OFFSHORE	B2D	49	56.3	128	14.2	79	05	11	79	09	16		30	740		AAND		X	X
B.C. OFFSHORE	B2D	49	56.3	128	14.2	79	05	11	79	09	16		30	1240		AAND		X	X

CURRENT METER DATA SET NUMBER: 79-0071A
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
B.C. OFFSHORE	E01	49	21.1	126	45.4	79	09	22	79	11	17		30	46		AAND	X	X	X
B.C. OFFSHORE	E01	49	21.1	126	45.4	79	09	22	80	01	17		30	85		AAND		X	X
B.C. OFFSHORE	E02	49	16.2	126	52.4	79	09	15	79	11	19		30	49		GEOD			
B.C. OFFSHORE	E02	49	16.3	126	52.4	79	09	15	80	01	17		30	122		AAND		X	X
B.C. OFFSHORE	E03	49	06.1	127	08.2	79	09	15	80	01	18		30	375		AAND		X	
B.C. OFFSHORE	E03	49	06.1	127	08.2	79	09	15	80	01	18		30	575		AAND		X	X
B.C. OFFSHORE	E03	49	06.1	127	08.2	79	09	15	80	01	18		30	775		AAND		X	X
B.C. OFFSHORE	E04	48	57.7	127	19.7	79	09	22	80	01	18		30	370		AAND		X	X
B.C. OFFSHORE	E04	48	57.7	127	19.7	79	09	22	80	01	18		30	570		AAND		X	X
B.C. OFFSHORE	E04	48	57.7	127	19.7	79	09	22	80	01	18		30	770		AAND		X	X
B.C. OFFSHORE	E04	48	57.7	127	19.7	79	09	23	80	01	18		30	1020		AAND		X	X
B.C. OFFSHORE	E04	48	57.7	127	19.7	79	09	22	80	01	18		30	1270		AAND		X	X
B.C. OFFSHORE	E05	48	47.7	127	35.1	79	09	16	80	01	18		30	64		AAND	X	X	
B.C. OFFSHORE	E05	48	47.7	127	35.1	79	09	16	80	01	12		30	513		GEOD			
B.C. OFFSHORE	E05	48	47.7	127	35.1	79	09	16	80	01	18		30	1010		AAND		X	X
B.C. OFFSHORE	E05	48	47.7	127	35.1	79	09	17	80	01	18		30	1510		AAND		X	
B.C. OFFSHORE	B01	50	05.5	127	58.6	79	09	19	80	05	04		60	53		AAND		X	
B.C. OFFSHORE	B01	50	05.5	127	58.6	79	09	18	80	05	09		60	111		AAND		X	X
B.C. OFFSHORE	B02	49	55.8	128	17.9	79	09	23	80	05	09		60	475		AAND		X	X
B.C. OFFSHORE	B02	49	55.8	128	17.9	79	09	23	80	05	09		60	975		AAND		X	X
B.C. OFFSHORE	B03	49	38.6	128	41.7	79	09	23	80	05	09		60	525		AAND		X	X

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B.C. OFFSHORE   B03 49 38.6  128 41.7  79 09 23 80 05 09       60  1025       AAND   X X


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CURRENT METER DATA SET NUMBER:  79-0071C
YEAR:1979         VESSEL/AGENCY: PARIZEAU,IOS

    AREA        STN   LAT      LON      START     STOP    EFF  DT   DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN  MN INSTR WATER TYPE SENSOR
                                                                                   P T C


B.C. OFFSHORE   CZ3 48 15.7  125 46.0  79 10 11 80 02 05       30   100       AAND X X X
B.C. OFFSHORE   CZ4 48 11.4  125 55.0  79 10 10 80 02 05       30    50       AAND X X X
B.C. OFFSHORE   CZ4 48 11.4  125 55.0  79 10 10 80 02 05       30   100       AAND X X X
B.C. OFFSHORE   CZ4 48 11.4  125 55.0  79 10 10 80 02 05       30   250       AAND X X X
B.C. OFFSHORE   CZ4 48 11.4  125 55.0  79 10 10 80 01 31       30   500       AAND X X X
ALBERNI INLET JUNCT 48 57.05 125 01.73 79 10 13 80 02 09  119  30    70       AAND
ALBERNI INLET JUNCT 48 57.05 125 01.73 79 10 13 80 02 09  119  30   130       AAND
ALBERNI INLET JUNCT 48 57.05 125 01.73 79 10 13 80 02 09  119  30   190       AAND
ALBERNI INLET SPR-3 49 07.00 124 49.00 79 10 13 79 11 28   46  30    65       AAND
ALBERNI INLET SPR-3 49 07.00 124 49.00 79 10 13 79 11 28   46  30   130       AAND


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CURRENT METER DATA SET NUMBER:  79-0072
YEAR:1979         VESSEL/AGENCY: PARIZEAU,IOS

    AREA        STN   LAT      LON      START     STOP    EFF  DT   DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN  MN INSTR WATER TYPE SENSOR
                                                                                   P T C


B.C. OFFSHORE   CZ1 48 28.1  125 22.0  79 11 27 80 04 22       30    50       AAND X X X
B.C. OFFSHORE   CZ1 48 28.1  125 22.0  79 11 27 80 04 22       30   100       AAND   X X
B.C. OFFSHORE   CZ2 48 21.1  125 35.0  79 11 27 80 02 05       30    50       AAND X X X
B.C. OFFSHORE   CZ2 48 21.1  125 35.0  79 11 27 80 02 05       30   100       AAND   X X
B.C. OFFSHORE   CZ3 48 15.7  125 46.0  79 11    80 02 05       30    50       AAND X X X
ALBERNI INLET SPR-4 49 07.00 124 49.00 79 11 29 80 02 09   72  30    50       AAND


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CURRENT METER DATA SET NUMBER:  79-0073
YEAR:1979         VESSEL/AGENCY: PARIZEAU,IOS

    AREA        STN   LAT      LON      START     STOP    EFF  DT   DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN  MN INSTR WATER TYPE SENSOR
                                                                                   P T C


B.C. OFFSHORE   CZ1 48 28.1  125 22.7  79 05 18 79 09 17       30    50   150 AAND X X X
B.C. OFFSHORE   CZ1 48 28.1  125 22.7  79 05 18 79 09 26       30   100   150 AAND X X X
B.C. OFFSHORE   CZ2 48 22.0  125 35.0  79 05 18 79 10 10       30   100   140 AAND X X X
B.C. OFFSHORE   CZ3 48 15.7  125 46.0  79 05 19 79 10 03       30    50   210 AAND X X X
B.C. OFFSHORE   CZ3 48 15.7  125 46.0  79 05 19 79 10 03       30   100   210 AAND X X X
B.C. OFFSHORE   CZ4 48 11.3  125 55.2  79 05 19 79 07 02       30    70   800 AAND X X X
B.C. OFFSHORE   CZ4 48 11.3  125 55.2  79 05 19 79 10 03       30   120   800 AAND X X X
B.C. OFFSHORE   CZ4 48 11.3  125 55.2  79 05 19 79 10 03       30   270   800 AAND X X X
ALBERNI INLET    SN 49 07.0  124 49.0  79 05 20 81 12 30
ALBERNI INLET    SN 49 07.0  124 49.0  79 05 20 81 12 30
ALBERNI INLET INNER 49 07.00 124 48.59 79 05 20 79 08 22   94  30    50       AAND
ALBERNI INLET INNER 49 07.00 124 48.59 79 05 20 79 08 22   94  30   120       AAND
ALBERNI INLET INNER 49 07.00 124 49.00 79 05 20 79 06 30   94  30   129       AAND
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CURRENT METER DATA SET NUMBER: 79-0077
YEAR:1979 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
ALBERNI INLET	JUNCT	48	57.05	125	01.08	79	08	23	79	10	11	49	20	50		AAND			
ALBERNI INLET	JUNCT	48	57.05	125	01.08	79	08	23	79	10	11	49	20	110		AAND			
ALBERNI INLET	JUNCT	48	57.05	125	01.08	79	08	23	79	10	11	49	20	170		AAND			
ALBERNI INLET	SPR-2	49	07.00	124	49.00	79	08	23	79	10	11	49	20	65		AAND			
ALBERNI INLET	SPR-2	49	07.00	124	49.00	79	08	23	79	10	11	49	20	130		AAND			

CURRENT METER DATA SET NUMBER: 80-0056
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
B.C. OFFSHORE	E01	49	20.7	126	45.3	80	01	23	80	05	02		30	45		AAND	X	X	X
B.C. OFFSHORE	E01	49	20.7	126	45.3	80	01	23	80	05	02		30	84		AAND		X	X
B.C. OFFSHORE	E02	49	16.3	126	51.9	80	01	23	80	04	25		30	49		AAND		X	X
B.C. OFFSHORE	E02	49	16.3	126	51.9	80	01	23	80	05	02		30	118		AAND		X	X
B.C. OFFSHORE	E03	49	06.1	127	08.2	80	01	22	80	05	02		30	358		AAND		X	X
B.C. OFFSHORE	E03	49	06.1	127	08.2	80	01	22	80	05	02		30	558		AAND		X	X
B.C. OFFSHORE	E03	49	06.1	127	08.2	80	01	22	80	05	02		30	755		AAND		X	X
B.C. OFFSHORE	E04	48	57.5	127	20.2	80	01	22	80	05	02		30	378		AAND	X	X	X
B.C. OFFSHORE	E04	48	57.5	127	20.2	80	01	22	80	03	12		30	578		AAND		X	X
B.C. OFFSHORE	E04	48	57.5	127	20.2	80	01	22	80	02	22		30	778		AAND		X	X
B.C. OFFSHORE	E04	48	57.5	127	20.2	80	01	22	80	05	02		30	1028		AAND		X	X
B.C. OFFSHORE	E04	48	57.5	127	20.2	80	01	22	80	05	02		30	1278		AAND		X	X
B.C. OFFSHORE	E05	48	46.6	127	35.6	80	01	22	80	05	02		30	63		AAND	X	X	
B.C. OFFSHORE	E05	48	48.1	127	35.6	80	01	22	80	03	19		30	510		GEOD			
B.C. OFFSHORE	E05	48	46.6	127	35.6	80	01	22	80	05	02		30	1010		AAND		X	X
B.C. OFFSHORE	E05	48	46.6	127	35.6	80	01	22	80	05	02		30	1510		AAND		X	

CURRENT METER DATA SET NUMBER: 80-0057
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
OFF VAN. IS.	CZ2	48	21.1	125	35.0	80	02	08	80	07	26		60	50	140	AAND	X	X	X
OFF VAN. IS.	CZ2	48	21.1	125	35.0	80	02	08	80	07	26		60	100	140	AAND		X	X
OFF VAN. IS.	CZ3	48	15.6	125	46.5	80	02	07	80	05	15		60	50	210	AAND	X	X	X
OFF VAN. IS.	CZ3	48	15.7	125	45.5	80	02	07	80	05	15		60	100	210	AAND		X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	80	02	07	80	06	11		60	50	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	80	02	07	80	06	11		60	100	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	80	02	07	80	06	11		60	250	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	80	02	07	80	06	11		60	500	800	AAND		X	X
ALBERNI INLET	SPR-4	49	07.00	124	49.00	80	02	10	80	04	24	73	30	55		AAND			
ALBERNI INLET	SPR-4	49	07.00	124	49.00	80	02	10	80	04	24	73	30	120		AAND			
ALBERNI INLET	JUNCT	48	57.05	125	01.73	80	02	11	80	06	14	124	30	85		AAND			
ALBERNI INLET	JUNCT	48	57.05	125	01.73	80	02	11	80	06	14	124	30	145		AAND			
ALBERNI INLET	JUNCT	48	57.05	125	01.73	80	02	11	80	06	14	124	30	205		AAND			

CURRENT METER DATA SET NUMBER: 80-0058
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
OFF VAN. IS.	CZ1	48	28.1	125	22.7	80	04	22	80	07	26		30	50	150	AAND	X	X	X
OFF VAN. IS.	CZ1	48	28.1	125	22.7	80	04	22	80	07	26		30	100	150	AAND		X	X
ALBERNI INLET	SPR	49	07.00	124	49.00	80	04	25	80	07	24	90	30	55		AAND			
ALBERNI INLET	SPR	49	07.00	124	49.00	80	04	25	80	07	24	90	30	120		AAND			

CURRENT METER DATA SET NUMBER: 80-0059
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
B.C. OFFSHORE	E01	49	21.0	126	45.6	80	05	07	80	09	13		30	45		AAND	X	X	X
B.C. OFFSHORE	E01	49	21.0	126	45.6	80	05	07	80	09	13		30	89		AAND		X	X
B.C. OFFSHORE	E02	49	16.2	126	52.7	80	05	07	80	09	15		30	45		AAND	X	X	X
B.C. OFFSHORE	E02	49	16.2	126	52.7	80	05	07	80	09	15		30	116		AAND		X	X
B.C. OFFSHORE	E03	49	06.4	127	08.6	80	05	07	80	08	03		30	350		GEOD			
B.C. OFFSHORE	E03	49	06.4	127	08.6	80	05	07	80	09	12		30	555		AAND		X	X
B.C. OFFSHORE	E03	49	06.4	127	08.6	80	05	07	80	09	12		30	750		AAND		X	X
B.C. OFFSHORE	E04	48	58.2	127	19.7	80	05	08	80	09	12		30	350		AAND	X	X	X
B.C. OFFSHORE	E04	48	58.2	127	19.7	80	05	08	80	09	12		30	1000		AAND		X	X
B.C. OFFSHORE	E04	48	58.2	127	19.7	80	05	08	80	09	12		30	1250		AAND		X	X
B.C. OFFSHORE	E05	48	46.9	127	35.5	80	05	08	80	09	12		30	55		AAND	X	X	
B.C. OFFSHORE	E05	48	46.9	127	35.5	80	05	08	80	09	12		30	1000		AAND		X	X
B.C. OFFSHORE	E05	48	46.9	127	35.5	80	05	08	80	09	12		30	1500		AAND		X	
B.C. OFFSHORE	B01	50	05.1	127	58.4	80	05	11	80	09	09		30	50		AAND		X	
B.C. OFFSHORE	B01	50	05.1	127	58.4	80	05	11	80	09	09		30	106		AAND		X	X
B.C. OFFSHORE	B02	49	55.9	128	17.0	80	05	11	80	09	09		30	488		AAND		X	X
B.C. OFFSHORE	B02	49	55.9	128	17.0	80	05	11	80	09	04		30	988		AAND		X	X
B.C. OFFSHORE	B03	49	38.5	128	42.3	80	05	12	80	12	04		30	500		AAND	X	X	X

CURRENT METER DATA SET NUMBER: 80-0060
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
OFF VAN. IS.	CZ3	48	19.0	125	53.0	80	06	11	80	09	04		30	50	205	AAND	X	X	X
OFF VAN. IS.	CZ3	48	19.0	125	53.0	80	06	11	80	09	19		30	100	205	AAND	X	X	X
OFF VAN. IS.	CZ3	48	19.0	125	53.0	80	06	11	80	09	19		30	200	205	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	80	06	11	80	09	19		30	50	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	80	06	11	80	09	19		30	100	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	80	06	11	80	09	19		30	250	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	80	06	11	80	09	19		30	500	800	AAND		X	X
B.C. OFFSHORE	CBL	48	43.65	125	18.35	80	06	14	80	09	19			50	146	AAND			
B.C. OFFSHORE	CBL	48	43.65	125	18.35	80	06	14	80	09	19			100	146	AAND			
ALBERNI INLET	JUNCT	48	57.05	125	01.73	80	06	14	80	10	22	129	30	85		AAND			
ALBERNI INLET	JUNCT	48	57.05	125	01.73	80	06	14	80	10	22	129	30	145		AAND			
ALBERNI INLET	JUNCT	48	57.05	125	01.73	80	06	14	80	10	22	129	30	205		AAND			

CURRENT METER DATA SET NUMBER: 80-0063
YEAR:1980 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF LEN	DT MN	DEPTHS		INST TYPE	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY			INSTR	WATER		P	T	C
OFF VAN. IS.	CZ4	48	11.1	125	54.1	80	09	19	81	02	04		60	50	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	54.1	80	09	19	81	02	04		60	100	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	54.1	80	09	19	81	02	04		60	250	800	AAND		X	X
OFF VAN. IS.	CZ4	48	11.1	125	54.1	80	09	19	81	02	01		60	500	800	AAND		X	X
OFF VAN. IS.	CZ3	48	19.0	125	52.0	80	09	22	81	02	04		60	50	210	AAND	X	X	X
OFF VAN. IS.	CZ3	48	19.0	125	52.0	80	09	22	81	02	04		60	100	210	AAND	X	X	X
OFF VAN. IS.	CZ3	48	19.0	125	52.0	80	09	22	81	02	04		60	200	210	AAND	X	X	X
CAPE BEALE	CBL	48	43.65	125	18.35	80	09	22	81	02	04			50	146	AAND			
CAPE BEALE	CBL	48	43.65	125	18.35	80	09	22	81	02	04			100	146	AAND			

CURRENT METER DATA SET NUMBER: 80-0064
YEAR:1980 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT		LON		START			STOP			EFF LEN	DT MN	DEPTHS		INST TYPE	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY			INSTR	WATER		P	T	C
OFF VAN. IS.	CZ1	48	29.0	125	22.1	80	10	22	81	02	07		30	50	150	AAND	X	X	X
OFF VAN. IS.	CZ1	48	29.0	125	22.1	80	10	22	81	02	07		30	100	150	AAND	X	X	X
OFF VAN. IS.	CZ2	48	22.0	125	34.0	80	10	22	81	02	07		30	50	140	AAND	X	X	X
OFF VAN. IS.	CZ2	48	22.0	125	34.0	80	10	22	81	02	07		30	100	140	AAND	X	X	X
ALBERNI INLET	JUNCT	48	57.02	125	01.95	80	10	22	81	02	09	113	30	35		AAND			
ALBERNI INLET	JUNCT	48	57.02	125	01.95	80	10	22	81	02	09	113	30	65		AAND			
ALBERNI INLET	JUNCT	48	57.02	125	01.95	80	10	22	81	02	09	113	30	95		AAND			

CURRENT METER DATA SET NUMBER: 80-0065A
YEAR:1980 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT		LON		START			STOP			EFF LEN	DT MN	DEPTHS		INST TYPE	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY			INSTR	WATER		P	T	C
ALBERNI INLET	SPR	49	07.00	124	49.00	80	07	24	80	10	15	83	30	135		AAND			
ALBERNI INLET	SPR	49	07.00	124	49.00	80	07	24	80	11	25	124	30	70		AAND			

CURRENT METER DATA SET NUMBER: 80-0067
YEAR:1980 VESSEL/AGENCY: VECTOR,IOS

AREA	STN	LAT		LON		START			STOP			EFF LEN	DT MN	DEPTHS		INST TYPE	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY			INSTR	WATER		P	T	C
ALBERNI INLET	SPR	49	07.00	124	49.00	80	11	26	81	03	12	105	30	50		AAND			
ALBERNI INLET	SPR	49	07.00	124	49.00	80	11	26	81	03	12	105	30	120		AAND			

CURRENT METER DATA SET NUMBER: 80-0068
YEAR:1980 VESSEL/AGENCY: DOBROCKY,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
ALBERNI INLET		49	06.37	124	49.22	80	11	18	80	11	28	10	5	45		AAND			
ALBERNI INLET		49	09.38	124	48.03	80	11	18	80	11	28	10	5	50		AAND			
ALBERNI INLET		49	09.38	124	48.03	80	11	18	80	11	28	10	5	75		AAND			
ALBERNI INLET		49	09.38	124	48.03	80	11	18	80	11	28	10	5	100		AAND			

CURRENT METER DATA SET NUMBER: 81-0069
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
OFF VAN. IS.	EP	49	14.28	127	02.10	81	09	02	82	02	03			40	201	AAND			
OFF VAN. IS.	EP	49	14.28	127	02.10	81	09	02	82	02	03			100	201	AAND			
OFF VAN. IS.	EP	49	14.28	127	02.10	81	09	02	82	02	03			150	201	AAND			
Q. C. SOUND	QCS	51	08.28	129	35.10	81	09	03	82	02	02			50		AAND			
Q. C. SOUND	QCS	51	08.28	129	35.10	81	09	03	82	02	02			100		AAND			
Q. C. SOUND	QCS	51	08.28	129	35.10	81	09	03	82	02	02			150		AAND			
CAPE ST. JAMES	CSJ	52	03.00	131	15.7	81	09	04	82	02	01			50	200	AAND			
CAPE ST. JAMES	CSJ	52	03.00	131	15.7	81	09	04	82	02	01			100	200	AAND			
CAPE ST. JAMES	CSJ	52	03.00	131	15.7	81	09	04	82	02	01			150	200	AAND			
OFF VAN. IS.	CZ3	48	15.8	125	45.5	81	09	02	82	01	20			50	199	AAND			
OFF VAN. IS.	CZ3	48	15.8	125	45.5	81	09	02	82	01	20			100	199	AAND			
OFF VAN. IS.	CZ3	48	15.8	125	45.5	81	09	02	82	01	20			200	199	AAND			
WINTER HARBOUR	WH	50	26.3	128	27.4	81	09	03	82	02	02			50		AAND			
WINTER HARBOUR	WH	50	26.3	128	27.4	81	09	03	82	02	02			100		AAND			
WINTER HARBOUR	WH	50	26.3	128	27.4	81	09	03	82	02	02			150		AAND			

CURRENT METER DATA SET NUMBER: 81-0070
YEAR:1981 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
OFF VAN. IS.	CZ1	48	29.0	125	22.1	81	02	08	81	06	03		30	50	150	AAND	X	X	X
OFF VAN. IS.	CZ1	48	29.0	125	22.1	81	02	08	81	06	03		30	100	150	AAND	X	X	X
OFF VAN. IS.	CZ2	48	22.0	125	34.1	81	02	08	81	06	04		30	50	140	AAND	X	X	X
OFF VAN. IS.	CZ2	48	22.0	125	34.1	81	02	08	81	06	04		30	100	140	AAND	X	X	X
OFF VAN. IS.	CZ3	48	15.7	125	45.1	81	02	07	81	06	04		30	50	210	AAND		X	X
OFF VAN. IS.	CZ3	48	15.7	125	45.1	81	02	07	81	06	04		30	100	210	AAND	X	X	X
OFF VAN. IS.	CZ3	48	15.7	125	45.1	81	02	07	81	06	04		30	200	210	NB	X	X	
OFF VAN. IS.	CZ4	48	11.1	125	55.0	81	02	04	81	06	04		30	50	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	81	02	04	81	06	04		30	100	800	AAND	X	X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	81	02	04	81	06	04		30	250	800	AAND		X	X
OFF VAN. IS.	CZ4	48	11.1	125	55.0	81	02	04	81	06	04		30	500	800	AAND		X	X
OFF VAN. IS.	CB	48	43.	125	18.	81	02	07	81	06	03			50	146	AAND			
OFF VAN. IS.	CB	48	43.	125	18.	81	02	07	81	06	03			100	146	AAND			
ALBERNI INLET	JUNCT	48	57.02	125	01.95	81	02	10	81	06	07	117	30	35		AAND			
ALBERNI INLET	JUNCT	48	57.02	125	01.95	81	02	10	81	06	07	117	30	65		AAND			
ALBERNI INLET	JUNCT	48	57.02	125	01.95	81	02	10	81	06	07	117	30	95		AAND			

CURRENT METER DATA SET NUMBER: 81-0074
YEAR: 1981 VESSEL/AGENCY: VECTOR, IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
ALBERNI INLET	SPR	49	07.00	124	49.00	81	03	12	81	08	13	153	30	50		AAND	
ALBERNI INLET	SPR	49	07.00	124	49.00	81	03	12	81	08	13	153	30	120		AAND	

CURRENT METER DATA SET NUMBER: 81-0076
YEAR: 1981 VESSEL/AGENCY: PARIZEAU, IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
OFF VAN. IS.	CZ3	48	15.	125	48.	81	06	10	81	09	02			50	199	AAND	
OFF VAN. IS.	CZ3	48	15.	125	48.	81	06	10	81	09	02			100	199	AAND	
OFF VAN. IS.	CZ3	48	15.	125	48.	81	06	10	81	09	02			150	199	AAND	
WINTER HARBOUR	WH	50	26.2	128	26.7	81	06	06	81	09	03			50		AAND	
WINTER HARBOUR	WH	50	26.2	128	26.7	81	06	06	81	09	03			100		AAND	
WINTER HARBOUR	WH	50	26.2	128	26.7	81	06	06	81	09	03			150		AAND	

CURRENT METER DATA SET NUMBER: 82-0034
YEAR: 1982 VESSEL/AGENCY: PARIZEAU, IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
Q. C. SOUND	QCS	51	08.28	129	32.00	82	02	02	82	04	21			50	264	AAND	
Q. C. SOUND	QCS	51	08.28	129	32.00	82	02	02	82	04	21			100	264	AAND	
Q. C. SOUND	QCS	51	08.28	129	32.00	82	02	02	82	04	21			150	264	AAND	
OFF VAN. IS.	CZ3	48	17.	125	45.6	82	01	20	82	07				50	202	AAND	
OFF VAN. IS.	CZ3	48	17.	125	45.6	82	01	20	82	07				100	202	AAND	
OFF VAN. IS.	CZ3	48	17.	125	45.6	82	01	20	82	07				150	202	AAND	
WINTER HARBOUR	WH	50	25.6	128	25.6	82	02	01	82	04	20			50	202	AAND	
WINTER HARBOUR	WH	50	25.6	128	25.6	82	02	01	82	04	20			100	202	AAND	
WINTER HARBOUR	WH	50	25.6	128	25.6	82	02	01	82	04	20			150	202	AAND	
CAPE ST. JAMES	CSJ	52	03.00	131	16.00	82	02	01	82	04	22			50	205	AAND	
CAPE ST. JAMES	CSJ	52	03.00	131	16.00	82	02	01	82	04	22			100	205	AAND	
CAPE ST. JAMES	CSJ	52	03.00	131	16.00	82	02	01	82	04	22			150	205	AAND	
ESTEVAN POINT	EP	49	14.4	127	02.1	82	02	03	82	04	20			50	203	AAND	
ESTEVAN POINT	EP	49	14.4	127	02.1	82	02	03	82	04	20			100	203	AAND	
ESTEVAN POINT	EP	49	14.4	127	02.1	82	02	03	82	04	20			150	203	AAND	

CURRENT METER DATA SET NUMBER: 82-0046
YEAR: 1982 VESSEL/AGENCY: PARIZEAU, IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
WINTER HARBOUR	WH	50	25.6	128	25.6	82	04	21	82	08	26			50	202	AAND	
WINTER HARBOUR	WH	50	25.6	128	25.6	82	04	21	82	08	26			100	202	AAND	
WINTER HARBOUR	WH	50	25.6	128	25.6	82	04	21	82	08	26			150	202	AAND	

CAPE ST. JAMES	CSJ	52	03.00	131	16.00	82	04	23	82	08	27			50	202	AAND	
CAPE ST. JAMES	CSJ	52	03.00	131	16.00	82	04	23	82	08	27			100	202	AAND	
CAPE ST. JAMES	CSJ	52	03.00	131	16.00	82	04	23	82	08	27			150	202	AAND	
ESTEVAN POINT	EP	49	14.4	127	02.1	82	04	20	82	08	25			50	202	AAND	
ESTEVAN POINT	EP	49	14.4	127	02.1	82	04	20	82	08	25			100	202	AAND	
ESTEVAN POINT	EP	49	14.4	127	02.1	82	04	20	82	08	25			150	202	AAND	
Q. C. SOUND	QCS	51	08.2	129	32.0	82	04	21	82	10				50	263	AAND	
Q. C. SOUND	QCS	51	08.2	129	32.0	82	04	21	82	10				100	263	AAND	
Q. C. SOUND	QCS	51	08.2	129	32.0	82	04	21	82	10				150	263	AAND	

CURRENT METER DATA SET NUMBER: 83-0035
YEAR:1983 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
OFF Q. CHARL.	QA1	51	57.70	131	7.50	83	05	03	83	09	08	120	30	58	194	AAND	
OFF Q. CHARL.	QA1	51	57.70	131	7.50	83	05	03	83	09	08	129	30	158	194	AAND	
OFF Q. CHARL.	QB1	52	13.74	131	30.10	83	05	04	83	09	08	120	30	53	198	AAND	
OFF Q. CHARL.	QB1	52	13.74	131	30.10	83	05	04	83	09	08	120	30	153	198	AAND	
OFF Q. CHARL.	QB2	52	12.02	131	32.81	83	05	04	83	09	08	120	30	85	801	AAND	
OFF Q. CHARL.	QB2	52	12.02	131	32.81	83	05	04	83	09	08	120	30	186	801	AAND	
OFF Q. CHARL.	QB2	52	12.02	131	32.81	83	05	04	83	09	08	120	30	500	801	GEOM	
OFF Q. CHARL.	QB3	52	05.47	131	47.29	83	05	05	83	10	03	120	30	50	1875	AAND	
OFF Q. CHARL.	QB3	52	05.47	131	47.29	83	05	05	83	10	03	120	30	150	1875	AAND	
OFF Q. CHARL.	QB3	52	05.47	131	47.29	83	05	05	83	10	03	120	30	300	1875	AAND	
OFF Q. CHARL.	QB3	52	05.47	131	47.29	83	05	05	83	10	03	120	30	500	1875	AAND	
OFF Q. CHARL.	QB3	52	05.47	131	47.29	83	05	05	83	10	03	120	30	1000	1875	AAND	
OFF Q. CHARL.	QC1	53	03.79	132	37.67	83	05	05	83	09	10	120	30	52	203	AAND	
OFF Q. CHARL.	QC1	53	03.79	132	37.67	83	05	05	83	09	10	120	30	155	203	AAND	
OFF Q. CHARL.	QC1	53	03.79	132	37.67	83	05	05	83	09	10	120	30	190	203	AAND	
OFF Q. CHARL.	QC2	53	00.67	132	40.27	83	05	05	83	09	10	64	15	50	1214	AAND	
OFF Q. CHARL.	QC2	53	00.67	132	40.27	83	05	05	83	09	10	64	15	150	1214	AAND	
OFF Q. CHARL.	QC2	53	00.67	132	40.27	83	05	05	83	09	10	64	15	300	1214	GEOM	
OFF Q. CHARL.	QC2	53	00.67	132	40.27	83	05	05	83	09	10	64	15	500	1214	AAND	
OFF Q. CHARL.	QC3	52	57.97	132	51.81	83	05	06	83	09	10	127	15	26	1054	AAND	
OFF Q. CHARL.	QC3	52	57.97	132	51.81	83	05	06	83	09	10	127	15	125	1054	AAND	
OFF Q. CHARL.	QC3	52	57.97	132	51.81	83	05	06	83	09	10	127	15	300	1054	AAND	
OFF Q. CHARL.	QC3	52	57.97	132	51.81	83	05	06	83	09	10	127	15	475	1054	AAND	
OFF Q. CHARL.	QC3	52	57.97	132	51.81	83	05	06	83	09	10	127	15	975	1054	AAND	
OFF Q. CHARL.	QC4	52	52.11	132	59.32	83	05	06	83	09	10	120	30	50	2743	AAND	
OFF Q. CHARL.	QC4	52	52.11	132	59.32	83	05	06	83	09	10	120	30	150	2743	AAND	
OFF Q. CHARL.	QC4	52	52.11	132	59.32	83	05	06	83	09	10	120	30	300	2743	AAND	
OFF Q. CHARL.	QC4	52	52.11	132	59.32	83	05	06	83	09	10	120	30	500	2743	AAND	
OFF Q. CHARL.	QC4	52	52.11	132	59.32	83	05	06	83	09	10	120	30	1000	2743	AAND	
OFF Q. CHARL.	QC4	52	52.11	132	59.32	83	05	06	83	09	10	120	30	2000	2743	AAND	
OFF Q. CHARL.	QC4	52	52.11	132	59.32	83	05	06	83	09	10	120	30	2500	2743	AAND	
OFF Q. CHARL.	QE1	54	00.22	133	19.59	83	05	07	83	09	14	127	30	25	51	AAND	
OFF Q. CHARL.	QE2	53	58.17	133	31.56	83	05	07	83	09	14	120	15	52	201	AAND	
OFF Q. CHARL.	QE2	53	58.17	133	31.56	83	05	07	83	09	14	120	15	153	201	AAND	
OFF Q. CHARL.	QE3	53	56.68	133	36.91	83	05	07	83	09	14	129	15	75	454	AAND	
OFF Q. CHARL.	QE3	53	56.68	133	36.91	83	05	07	83	09	14	129	15	178	454	AAND	
OFF Q. CHARL.	QE3	53	56.68	133	36.91	83	05	07	83	09	14	129	15	300	454	GEOM	
OFF Q. CHARL.	QE3	53	56.68	133	36.91	83	05	07	83	09	14	129	15	445	454	GEOM	

CURRENT METER DATA SET NUMBER: 83-0036A
YEAR:1983 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
OFF Q. CHARL.	A1	51	57.6	131	07.2	83	09	09	84	08	12			50	194	AAND	
OFF Q. CHARL.	A1	51	57.6	131	07.2	83	09	09	84	08	12			150	194	AAND	
OFF Q. CHARL.	B1	52	14.1	131	30.36	83	09	09	84	09	12			50	213	AAND	
OFF Q. CHARL.	B1	52	14.1	131	30.36	83	09	09	84	09	12			150	213	AAND	
OFF Q. CHARL.	B2	52	12.2	131	31.6	83	09	09	84	07				150	830	AAND	
OFF Q. CHARL.	B2	52	12.2	131	31.6	83	09	09	84	07				500	830	AAND	

OFF Q. CHARL.	C1	53	03.6	132	36.5	83	09	12	84	04	19			190	210	AAND	
OFF Q. CHARL.	C2	53	00.95	132	39.4	83	09	12	84	04	19			50	1214	AAND	
OFF Q. CHARL.	C2	53	00.95	132	39.4	83	09	12	84	04	19			150	1214	AAND	
OFF Q. CHARL.	C2	53	00.95	132	39.4	83	09	12	84	04	19			300	1214	AAND	
OFF Q. CHARL.	C2	53	00.95	132	39.4	83	09	12	84	04	19			500	1214	AAND	
OFF Q. CHARL.	C3	52	58.7	132	50.4	83	09	12	84	04	19			50	1051	AAND	
OFF Q. CHARL.	C3	52	58.7	132	50.4	83	09	12	84	04	19			150	1051	AAND	
OFF Q. CHARL.	C3	52	58.7	132	50.4	83	09	12	84	04	19			300	1051	AAND	
OFF Q. CHARL.	C3	52	58.7	132	50.4	83	09	12	84	04	19			500	1051	AAND	
OFF Q. CHARL.	C3	52	58.7	132	50.4	83	09	12	84	04	19			1000	1051	AAND	
OFF Q. CHARL.	E1	54	00.2	133	17.6	83	09	14	84	04	18			38	51	AAND	
OFF Q. CHARL.	E2	53	57.9	133	29.5	83	09	14	84	04	18			50	203	AAND	
OFF Q. CHARL.	E2	53	57.9	133	29.5	83	09	14	84	04	18			150	203	AAND	
OFF Q. CHARL.	E3	53	56.55	133	34.3	83	09	14	84	01	13			50	469	AAND	
OFF Q. CHARL.	E3	53	56.55	133	34.3	83	09	14	84	01	13			150	469	AAND	
OFF Q. CHARL.	E3	53	56.55	133	34.3	83	09	14	84	01	13			300	469	AAND	

CURRENT METER DATA SET NUMBER: 84-0002
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
OFF Q. CHARL.	A3	51	42.6	130	44.34	84	04	24	84	10	13			50	305	AAND	
OFF Q. CHARL.	A3	51	42.6	130	44.34	84	04	24	84	10	13			150	305	AAND	
OFF Q. CHARL.	A3	51	42.6	130	44.34	84	04	24	84	10	13			250	305	AAND	
OFF Q. CHARL.	C1	53	03.23	132	37.44	84	04	20	84	10	14			50	210	AAND	
OFF Q. CHARL.	C1	53	03.23	132	37.44	84	04	20	84	10	14			150	210	AAND	
OFF Q. CHARL.	C1	53	03.23	132	37.44	84	04	20	84	10	14			190	210	AAND	
OFF Q. CHARL.	E4	53	37.91	133	11.1	84	04	20	84	10	14			50	199	AAND	
OFF Q. CHARL.	E4	53	37.91	133	11.1	84	04	20	84	10	14			150	199	AAND	
OFF Q. CHARL.	E3	53	57.46	133	36.27	84	04	22	84	10	14			50	449	AAND	
OFF Q. CHARL.	E3	53	57.46	133	36.27	84	04	22	84	10	14			150	449	AAND	
OFF Q. CHARL.	E3	53	57.46	133	36.27	84	04	22	84	10	14			300	449	AAND	
OFF Q. CHARL.	E2	53	58.48	133	31.42	84	04	20	84	10	14			50	211	AAND	
OFF Q. CHARL.	E2	53	58.48	133	31.42	84	04	20	84	10	14			150	211	AAND	
OFF Q. CHARL.	E1	54	00.4	133	18.81	84	04	20	84	10	14			25	49	AAND	
OFF Q. CHARL.	F3	54	26.31	133	39.3	84	04	21	84	10	15			50	210	AAND	
OFF Q. CHARL.	F3	54	26.31	133	39.3	84	04	21	84	10	15			150	210	AAND	
OFF Q. CHARL.	F2	54	19.28	133	02.24	84	04	21	84	10	15			50	475	AAND	
OFF Q. CHARL.	F2	54	19.28	133	02.24	84	04	21	84	10	15			150	475	AAND	
OFF Q. CHARL.	F2	54	19.28	133	02.24	84	04	21	84	10	15			300	475	AAND	
OFF Q. CHARL.	F2	54	19.28	133	02.24	84	04	21	84	10	15			400	475	AAND	
OFF Q. CHARL.	F1	54	33.78	132	55.04	84	04	21	84	10	15			50	383	AAND	
OFF Q. CHARL.	F1	54	33.78	132	55.04	84	04	21	84	10	15			150	383	AAND	
OFF Q. CHARL.	F1	54	33.78	132	55.04	84	04	21	84	10	15			300	383	AAND	
OFF Q. CHARL.	F1	54	33.78	132	55.04	84	04	21	84	10	15			350	383	AAND	

CURRENT METER DATA SET NUMBER: 84-0007
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
OFF Q. CHARL.	E4	53	38.06	133	11.64	84	10	17	85	05				50	200	AAND	
OFF Q. CHARL.	E4	53	38.06	133	11.64	84	10	17	85	05				150	200	AAND	
OFF Q. CHARL.	E5	53	39.67	133	25.94	84	10	17	85	05				50	1008	AAND	
OFF Q. CHARL.	E5	53	39.67	133	25.94	84	10	17	85	05				150	1008	AAND	
OFF Q. CHARL.	E5	53	39.67	133	25.94	84	10	17	85	05				300	1008	AAND	
OFF Q. CHARL.	E1	54	00.45	133	17.7	84	10	18	85	05				25	50	AAND	
OFF Q. CHARL.	E2	53	58.4	133	29.8	84	10	18	85	05				50	222	AAND	
OFF Q. CHARL.	E2	53	58.4	133	29.8	84	10	18	85	05				150	222	AAND	
OFF Q. CHARL.	E3	53	57.65	133	36.62	84	10	18	85	05				50	453	AAND	
OFF Q. CHARL.	E3	53	57.65	133	36.62	84	10	18	85	05				150	453	AAND	
OFF Q. CHARL.	E3	53	57.65	133	36.62	84	10	18	85	05				300	453	AAND	
OFF Q. CHARL.	E6	53	55.5	133	53.11	84	10	18	85	05				50	1137	AAND	
OFF Q. CHARL.	E6	53	55.5	133	53.11	84	10	18	85	05				150	1137	AAND	

OFF Q. CHARL.	E6	53	55.5	133	53.11	84	10	18	85	05	300	1137	AAND
OFF Q. CHARL.	E6	53	55.5	133	53.11	84	10	18	85	05	500	1137	AAND
OFF Q. CHARL.	E6	53	55.5	133	53.11	84	10	18	85	05	750	1137	AAND
OFF Q. CHARL.	F4	54	21.2	134	02.1	84	10	18	85	05	50	1064	AAND
OFF Q. CHARL.	F4	54	21.2	134	02.1	84	10	18	85	05	150	1064	AAND
OFF Q. CHARL.	F4	54	21.2	134	02.1	84	10	18	85	05	300	1064	AAND
OFF Q. CHARL.	F4	54	21.2	134	02.1	84	10	18	85	05	500	1064	AAND
OFF Q. CHARL.	F4	54	21.2	134	02.1	84	10	18	85	05	750	1064	AAND
OFF Q. CHARL.	F3	54	26.26	133	39.84	84	10	19	85	05	50	203	AAND
OFF Q. CHARL.	F3	54	26.26	133	39.84	84	10	19	85	05	150	203	AAND
OFF Q. CHARL.	F2	54	19.2	133	02.13	84	10	19	85	05	50	468	AAND
OFF Q. CHARL.	F2	54	19.2	133	02.13	84	10	19	85	05	150	468	AAND
OFF Q. CHARL.	F2	54	19.2	133	02.13	84	10	19	85	05	400	468	AAND
OFF Q. CHARL.	F1	54	33.74	132	56.2	84	10	19	85	05	50	379	AAND
OFF Q. CHARL.	F1	54	33.74	132	56.2	84	10	19	85	05	150	379	AAND
OFF Q. CHARL.	F1	54	33.74	132	56.2	84	10	19	85	05	350	379	AAND

11.3 WATER-LEVEL DATA

The listings contain the following information:

AREA	Area
STN	Station number; generally as assigned by the originating agency.
LAT, LONG	In degrees and minutes.
START/STOP	Instrument start and stop time; year, month, day.
EFF LEN	Effective record length, in days.
DT (MN)	Sampling interval in minutes.
INST & WATER DPTH	In metres.
INSTR TYPE	AAND - Aanderaa (pressure) AM12 - Applied Microsystems Ltd. 12A (pressure) AMS - Applied Microsystems Ltd. (pressure) BASS - Bass Engineering (optical lever) FILL - Filloux (pressure) FOXB - Foxboro (pressure) HAGE - Hagenuk (float, often with Ottboro as backup) HWK - HWK (float) LEGE - Lege (float) LEOP - Leopold Stevens (float or pressure-bubbler system) MECH - shore-based gauge, temporary or permanent OTT - Ott gauge (float) OTTB - Ottboro (pressure); Ott drive with Foxboro bellows and linkage SCAL - Scale SDAT - SeaData (pressure) STAF - Tide staff TG2A - Aanderaa TG2A (pressure) TG3A - Aanderaa TG3A (pressure) TG4A - Aanderaa TG4A (pressure) WLR5 - Aanderaa WLR5 (pressure) 750A - Applied Microsystems Ltd. 750A (pressure)
ADDIT SENSOR	Parameters measured qualified by: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings O - obviously bad readings

Blank entries indicate unavailable or inappropriate data.

? signifies data which are either unknown or may be suspect; for example, a location which plots on land.

In cases where water level data have been collected intermittently or continuously over more than one year, one I.D. number has been used to represent the entire data set.

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WATER LEVEL DATA SET NUMBER:  05-0005
YEAR:1905      VESSEL/AGENCY:  CHS

    AREA          STN    LAT      LON      START     STOP     EFF DT    DEPTHS    INST ADDIT
                       DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

TOFINO          8615 49 09.   125 55.   05 08 01 CONTINUING

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WATER LEVEL DATA SET NUMBER:  13-0002
YEAR:1913      VESSEL/AGENCY:  CHS

    AREA          STN    LAT      LON      START     STOP     EFF DT    DEPTHS    INST ADDIT
                       DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

W. QUEEN CHARL  9671 53 41.   132 58.   13 07 17 13 08 15                       STAF

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WATER LEVEL DATA SET NUMBER:  14-0003
YEAR:1914      VESSEL/AGENCY:  CHS

    AREA          STN    LAT      LON      START     STOP     EFF DT    DEPTHS    INST ADDIT
                       DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

W. QUEEN CHARL  9671 53 41.   132 58.   14 06 19 14 08 10                       STAF

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WATER LEVEL DATA SET NUMBER:  15-0003
YEAR:1915      VESSEL/AGENCY:  CHS

    AREA          STN    LAT      LON      START     STOP     EFF DT    DEPTHS    INST ADDIT
                       DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

W. QUEEN CHARL  9671 53 41.   132 58.   15 06 10 15 07 02                       STAF

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WATER LEVEL DATA SET NUMBER:  16-0003
YEAR:1916      VESSEL/AGENCY:  CHS

    AREA          STN    LAT      LON      START     STOP     EFF DT    DEPTHS    INST ADDIT
                       DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

W. QUEEN CHARL  9685 53 55.   133 10.   16 06 21 16 07 03                       LEGE
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WATER LEVEL DATA SET NUMBER:  20-0001
YEAR:1920      VESSEL/AGENCY: CHS

    AREA         STN   LAT      LON      START     STOP    EFF DT    DEPTHS   INST ADDIT
                     DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

QUATSINO SOUND  8754 50 32.   127 37.5  20 05 17 20 10 09
NEROUTSOS INLET 8750 50 23.   127 26.75 20 09 02 20 09 12    2

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WATER LEVEL DATA SET NUMBER:  24-0002
YEAR:1924      VESSEL/AGENCY: CHS

    AREA         STN   LAT      LON      START     STOP    EFF DT    DEPTHS   INST ADDIT
                     DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

BARKLEY SOUND   8555 48 56.   125 00.   24 05 05 24 05 10                     LEGE

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WATER LEVEL DATA SET NUMBER:  25-0002
YEAR:1925      VESSEL/AGENCY: CHS

    AREA         STN   LAT      LON      START     STOP    EFF DT    DEPTHS   INST ADDIT
                     DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

QUATSINO SOUND  8756 50 33.   127 33.   25 05 08 25 07 31                     LEGE
ESPERANZA INLET 8685 49 53.   126 59.   25 05 15 25 05 21                     LEGE

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WATER LEVEL DATA SET NUMBER:  27-0005
YEAR:1927      VESSEL/AGENCY: CHS

    AREA         STN   LAT      LON      START     STOP    EFF DT    DEPTHS   INST ADDIT
                     DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

NOOTKA SOUND    8664 49 52.   126 43.   27 06 06 27 10 31
NOOTKA          8645 49 37.3  126 36.9  27 06 16 27 10 01

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WATER LEVEL DATA SET NUMBER:  31-0003
YEAR:1931      VESSEL/AGENCY: CHS

    AREA         STN   LAT      LON      START     STOP    EFF DT    DEPTHS   INST ADDIT
                     DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

TOFINO INLET    8623 49 09.   125 40.   31 08 13 31 11 02                     STAF
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WATER LEVEL DATA SET NUMBER:  31-0008
YEAR:1931       VESSEL/AGENCY: U.S. COAST & GEODETIC

    AREA       STN   LAT      LON       START      STOP   EFF DT    DEPTHS   INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

CAPE FLATTERY       48 23.5  124 44.2  31 06 01 31 07 12   41

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WATER LEVEL DATA SET NUMBER:  32-0006
YEAR:1932       VESSEL/AGENCY: CHS

    AREA       STN   LAT      LON       START      STOP   EFF DT    DEPTHS   INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

CLAYOQUOT SD.  8637 49 23.   126 13.   32 06 08 32 11 30

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WATER LEVEL DATA SET NUMBER:  35-0003
YEAR:1935       VESSEL/AGENCY: CHS

    AREA       STN   LAT      LON       START      STOP   EFF DT    DEPTHS   INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

W. QUEEN CHARL 9570 52 45.   132 02.   35 05 18 35 08 31                     LEGE
W. QUEEN CHARL 9605 53 07.   132 23.   35 05 31 35 09 10                     LEGE
KYOQUOT SOUND  8713 50 01.   127 21.   35 07 29 35 08 23   11                SCAL

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WATER LEVEL DATA SET NUMBER:  36-0008
YEAR:1936       VESSEL/AGENCY: CHS

    AREA       STN   LAT      LON       START      STOP   EFF DT    DEPTHS   INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

QUATSINO SOUND 8759 50 31.5  127 32.   36 05 30 36 06 19

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WATER LEVEL DATA SET NUMBER:  38-0011
YEAR:1938       VESSEL/AGENCY: CHS

    AREA       STN   LAT      LON       START      STOP   EFF DT    DEPTHS   INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

QUATSINO SOUND 8735 50 31.   128 02.   38 06 20 38 07 16    6                SCAL
W. VANC. IS.   8786 50 41.   128 21.   38 06 20 38 06 30    4                LEGE
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WATER LEVEL DATA SET NUMBER:  41-0006
YEAR:1941       VESSEL/AGENCY: CHS

    AREA        STN   LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                  P T C

HOLBERG INLET  8765 50 36.   127 35.  41 07 25 41 07 28                     SCAL

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WATER LEVEL DATA SET NUMBER:  47-0003
YEAR:1947       VESSEL/AGENCY: CHS

    AREA        STN   LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                  P T C

ALBERNI INLET  8575 49 14.   124 49.  47 08    50 05                        LEGE

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WATER LEVEL DATA SET NUMBER:  50-0014
YEAR:1950       VESSEL/AGENCY: CHS

    AREA        STN   LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                  P T C

ALBERNI INLET  8565 49 06.47 124 48.60 50 09 12 50 09 19

------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  60-0017
YEAR:1960       VESSEL/AGENCY: CHS

    AREA        STN   LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                  P T C

BARKLEY SOUND  8588 49 00.   125 21.  60 05 02 60 06 24                     FOXB
W. QUEEN CHARL 9502 51 56.   131 01.  60 05 18 61 08 19  342                LEGE
W. QUEEN CHARL 9650 53 20.   132 27.  60 07 14 60 08 26   31                FOXB

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WATER LEVEL DATA SET NUMBER:  61-0023
YEAR:1961       VESSEL/AGENCY: CHS

    AREA        STN   LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                  P T C

TAHSIS INLET   8658 49 54.6  126 39.7 61 05 27 61 06 02
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WATER LEVEL DATA SET NUMBER:  62-0027
YEAR:1962       VESSEL/AGENCY: CHS

    AREA          STN    LAT       LON       START     STOP     EFF DT     DEPTHS    INST ADDIT
                       DEG MIN   DEG MIN   YR MO DY YR MO DY   LEN MN INSTR WATER TYPE SENSOR
                                                                                       P T C

W. QUEEN CHARL  9570 52 45.   132 02.   62 05 07 62 05 30
W. VANC. IS.    8790 50 47.   128 25.   62 07 01 62 09 30                         FOXB

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WATER LEVEL DATA SET NUMBER:  63-0017
YEAR:1963       VESSEL/AGENCY: CHS

    AREA          STN    LAT       LON       START     STOP     EFF DT     DEPTHS    INST ADDIT
                       DEG MIN   DEG MIN   YR MO DY YR MO DY   LEN MN INSTR WATER TYPE SENSOR
                                                                                       P T C

NICOLAYE CHAN.  8710 50 02.   127 22.   63 08 01 63 08 16

--------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  64-0020
YEAR:1964       VESSEL/AGENCY: CHS

    AREA          STN    LAT       LON       START     STOP     EFF DT     DEPTHS    INST ADDIT
                       DEG MIN   DEG MIN   YR MO DY YR MO DY   LEN MN INSTR WATER TYPE SENSOR
                                                                                       P T C

QUATSINO SOUND  8735 50 31.   128 02.   64 05 12 64 06 10                         OTTB
HOLBERG INLET   8765 50 36.   127 35.   64 05 16 64 06 16
QUATSINO SOUND  8736 50 28.5  128 02.   64 06 27 64 07 26                         OTTB
W. QUEEN CHARL  9512 52 06.   131 13.   64 07 22 64 10 10

--------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  66-0021
YEAR:1966       VESSEL/AGENCY: CHS

    AREA          STN    LAT       LON       START     STOP     EFF DT     DEPTHS    INST ADDIT
                       DEG MIN   DEG MIN   YR MO DY YR MO DY   LEN MN INSTR WATER TYPE SENSOR
                                                                                       P T C

UCHUCKLESIT IN. 8557 49 00.3  125 00.3  66 05 05 66 05 26                         FOXB
NEROUTSOS IN.   8750 50 23.   127 26.75 66 06 02 66 07 02                         OTTB

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WATER LEVEL DATA SET NUMBER:  67-0024
YEAR:1967       VESSEL/AGENCY: CHS

    AREA          STN    LAT       LON       START     STOP     EFF DT     DEPTHS    INST ADDIT
                       DEG MIN   DEG MIN   YR MO DY YR MO DY   LEN MN INSTR WATER TYPE SENSOR
                                                                                       P T C

MUCHALAT INLET  8650 49 40.4  126 07.5  67 08 10 67 08 26                         FOXB
```

WATER LEVEL DATA SET NUMBER: 69-0061
YEAR:1969 VESSEL/AGENCY: CHS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
BARKLEY SOUND	8552	48 58.5	125 01.	69 03 18	69 03 26					FOXB	
BARKLEY SOUND	8553	48 58.5	125 01.	69 03 22	69 03 26					FOXB	

WATER LEVEL DATA SET NUMBER: 69-0062
YEAR:1969 VESSEL/AGENCY: CHS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
ALBERNI INLET	8565	49 06.47	124 48.60	69 10 01	69 10 29					OTTB	
BARKLEY SOUND	8545	48 50.	125 08.	69 10 02	69 10 30					OTT	
W. VANC. IS.	8595	48 56.75	125 33.05	69 11 04	69 12 04					OTTB	

WATER LEVEL DATA SET NUMBER: 70-0032
YEAR:1970 VESSEL/AGENCY: CHS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
BARKLEY SOUND	8545	48 50.	125 08.	70 06 04	85 03 31					OTT	
W. VANC. IS.	8595	48 56.75	125 33.05	70 06 12	70 12 31					OTTB	
W. VANC. IS.	8595	48 56.75	125 33.05	71 01 01	71 08 01					OTTB	
W. VANC. IS.	8595	48 56.75	125 33.05	71 08 22	73 09 30					OTTB	

WATER LEVEL DATA SET NUMBER: 70-0065
YEAR:1970 VESSEL/AGENCY: CHS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
ALBERNI INLET	8575	49 14.	124 49.	70 12 03	70 12 31					OTT	
ALBERNI INLET	8575	49 14.	124 49.	71 01 01	71 02 01					OTT	
ALBERNI INLET	8575	49 14.	124 49.	71 02 11	71 11 30					OTT	
ALBERNI INLET	8575	49 14.	124 49.	72 01 11	72 04 04					OTT	
ALBERNI INLET	8575	49 14.	124 49.	72 04 22	72 12 31					OTT	
ALBERNI INLET	8575	49 14.	124 49.	73 01 01	73 01 08					OTT	
ALBERNI INLET	8575	49 14.	124 49.	73 04 02	73 05 01					OTT	
ALBERNI INLET	8575	49 14.	124 49.	73 05 16	73 05 31					OTT	
ALBERNI INLET	8575	49 14.	124 49.	73 07 04	73 12 31					OTT	
ALBERNI INLET	8575	49 14.	124 49.	74 01 01	CONTINUING					OTT	

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WATER LEVEL DATA SET NUMBER:  71-0038
YEAR:1971       VESSEL/AGENCY:  CHS

    AREA        STN    LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C


QUATSINO SOUND  8756 50 33.   127 33.   71 06 04 71 07 08                     FOXB
QUATSINO SOUND  8754 50 32.   127 37.5  71 06 07 71 07 08                     OTTB
QUATSINO SOUND  8755 50 31.   127 34.   71 06 09 71 07 08                     OTTB


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WATER LEVEL DATA SET NUMBER:  71-0099A
YEAR:1971       VESSEL/AGENCY:  CHS

    AREA        STN    LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C


ALBERNI INLET   8564 49 06.5  124 48.5  71 02 02 71 05 13                     FOXB
ALBERNI INLET   8570 49 11.0  124 49.0  71 02 02 71 05 12                     OTTB
ALBERNI INLET   8560 48 59.0  124 55.5  71 02 04 71 05 13                     OTTB
ALBERNI INLET   8558 48 59.   124 59.0  71 02 05 71 05 13                     OTTB
ALBERNI INLET   8562 49 02.5  124 50.5  71 02 06 71 05 13                     FOXB
ALBERNI INLET   8565 49 06.47 124 48.60 71 02 06 71 05 12
ALBERNI INLET   8556 48 56.5  125 01.0  71 02 09 71 03 15
UCHUCKLESIT IN. 8559 49 01.   125 03.   71 02 09 71 03 17                     OTTB


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WATER LEVEL DATA SET NUMBER:  73-0040
YEAR:1973       VESSEL/AGENCY:  CHS

    AREA        STN    LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

LANGARA POINT   9964 54 15.   133 03.   73 02 23 73 12 31                     HAGE


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WATER LEVEL DATA SET NUMBER:  73-0119
YEAR:1973       VESSEL/AGENCY:  NOAA

    AREA        STN    LAT      LON      START    STOP    EFF DT    DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

OFF VAN. IS.         48 58.2  127 17.1  73 08 21 73 09 08   18  6  1999  1999 FILL X
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WATER LEVEL DATA SET NUMBER: 74-0057
YEAR:1974 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
UNION SEAMOUNT		49 35.	132 47.	74 11 27	75 03 21	114	30	314	314	TG1A	X

WATER LEVEL DATA SET NUMBER: 74-0105
YEAR:1974 VESSEL/AGENCY: CHS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
BARKLEY SOUND	8545	48 50.	125 08.	74 02 20	74 12 31					OTT	

WATER LEVEL DATA SET NUMBER: 74-0106
YEAR:1974 VESSEL/AGENCY: IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
BOWIE SEAMOUNT		53 18.	135 37.	74 05 11	75 07 02	417	30	170	170	TG1A	X

WATER LEVEL DATA SET NUMBER: 74-0107
YEAR:1974 VESSEL/AGENCY: CHS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
ALBERNI INLET	8556	48 56.5	125 01.0	74 08 22	74 09 13					FOXB	

WATER LEVEL DATA SET NUMBER: 75-0070
YEAR:1975 VESSEL/AGENCY: CHS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
LANGARA POINT	9964	54 15.	133 03.	75 03 11	CONTINUING					HAGE	
BARKLEY SOUND	8585	48 52.65	125 18.70	75 05 27	75 08 07					FOXB	

WATER LEVEL DATA SET NUMBER: 76-0102
YEAR:1976 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
BARKLEY SOUND	8545	48	50.	125	08.	76	01	01	CONTINUING							OTT			

WATER LEVEL DATA SET NUMBER: 77-0057A
YEAR:1977 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
OFF Q.CH.SOUND	Q05	51	22.	130	01.	77	05	18	77	07	19		15	275	275	750A	X		

WATER LEVEL DATA SET NUMBER: 78-0101
YEAR:1978 VESSEL/AGENCY: IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
RUPERT-HOLBERG	C.HBR	50	35.60	127	34.60	78	09	13	79	01	17	134	8	11					
RUPERT-HOLBERG	H.COV	50	32.15	127	36.35	78	09	13	79	01	17	134	8	12					

WATER LEVEL DATA SET NUMBER: 79-0065
YEAR:1979 VESSEL/AGENCY: OCEAN KING,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
EFFINGHAM BAY		48	52.46	125	18.14	79	04	19	80	01	26		30	10	10	750A	X	X	
NOOTKA		49	37.33	126	36.92	79	04	20	79	09	14		30	13	13	750A	X	X	
KYUQUOT		50	01.30	127	21.20	79	04	20	80	01	19		30	15	15	750A	X	X	
HUNT ISLETS		50	28.42	128	01.97	79	04	21	79	09	17		30	15	15	750A	X	X	
RUPERT-HOLBERG	C.HBR	50	35.60	127	34.60	79	04	21	79	09	06	138	15	11					
RUPERT-HOLBERG	C.HBR	50	35.60	127	34.60	79	04	21	79	09	06	138	15	11					
RUPERT-HOLBERG	H.COV	50	32.15	127	36.35	79	04	21	79	09	06	138	15	11					
RUPERT-HOLBERG	H.COV	50	32.15	127	36.35	79	04	21	79	09	06	138	15	12					

WATER LEVEL DATA SET NUMBER: 79-0069
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSO P	 T	 C
ESTEVAN POINT	E3A	49 04.12	127 04.17	79 05 09	79 09 12		30			750A	X		

WATER LEVEL DATA SET NUMBER: 79-0071A
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	 T	 C
NOOTKA		49 37.33	126 36.92	79 09 14	80 05 03		30	13	13	750A	X	X	
ESTEVAN POINT	EP2	49 16.20	126 52.42	79 09 15	80 01 17		30	147	147	TG2A	X		
ESTEVAN POINT	EP3A	48 47.72	127 09.57	79 09 15	80 01 18		30	1235	1235	750A	X		
ESTEVAN POINT	EP5	48 47.65	127 35.13	79 09 16	80 01 18		30	2537	2537	750A	X		
HUNT ISLETS		50 28.42	128 01.97	79 09 17	80 05 10		30	15	15	750A	X		
ESTEVAN POINT	E1	49 21.10	126 45.40	79 09 22	80 01 17		30	108	108	AM12	X		

WATER LEVEL DATA SET NUMBER: 79-0072
YEAR:1979 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	 T	 C
ALBERNI INLET	DUNSM	49 09.25	124 48.04	79 11 30	80 03 01	92	30	13					
ALBERNI INLET	DUNSM	49 09.25	124 48.04	79 11 30	80 11 26	362	30	13					
ALBERNI INLET	LIMST	48 58.97	124 58.15	79 11 30	80 10 19	323	30	14					
ALBERNI INLET	LIMST	48 58.97	124 58.15	79 11 30	80 11 26	362	30	15					
ALBERNI INLET	LIMST	48 58.97	124 58.15	79 11 30	80 11 26	362	30	22					

WATER LEVEL DATA SET NUMBER: 79-0074
YEAR:1979 VESSEL/AGENCY: ENDEAVOUR,IOS

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR MO DY	STOP YR MO DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	 T	 C
RUPERT-HOLBERG	C.HBR	30 35.60	127 34.60	79 01 18	79 04 21	100	8	11					
RUPERT-HOLBERG	H.COV	50 32.15	127 36.35	79 01 18	79 04 21	100	8	12					

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WATER LEVEL DATA SET NUMBER:  80-0056
YEAR:1980      VESSEL/AGENCY: PARIZEAU,IOS

    AREA         STN    LAT       LON      START    STOP    EFF DT    DEPTHS   INST ADDIT
                      DEG MIN   DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

KYOQUOT               50 01.30 127 21.20 80 01 19 80 09 14      30    15    15 750A X
ESTEVAN POINT     EP3 49 06.08 127 08.18 80 01 22 80 05 02      30  1262  1262 750A X
ESTEVAN POINT     EP5 48 46.62 127 35.63 80 01 22 80 05 02      30  2537  2537 750A X
ESTEVAN POINT      E1 49 20.70 126 45.30 80 01 23 80 05 02      30   110   110 AM12 X
ESTEVAN POINT     EP2 49 16.31 126 51.88 80 01 23 80 05 02      30   142   142 TG2A X
EFFINGHAM BAY         48 52.46 125 18.14 80 01 26 80 09 15      30    10    10 750A X

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WATER LEVEL DATA SET NUMBER:  80-0059
YEAR:1980      VESSEL/AGENCY: PARIZEAU,IOS

    AREA         STN    LAT       LON      START    STOP    EFF DT    DEPTHS   INST ADDIT
                      DEG MIN   DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

ESTEVAN POINT      E1 49 21.00 126 45.60 80 05 07 80 09 13      30   110   110 AM12 X
ESTEVAN POINT      E3 49 06.40 127 08.60 80 05 07 80 09 12      30             750A X
ESTEVAN POINT     EP2 49 16.20 126 52.70 80 05 07 80 09 15      30             TG2A X
BARKLEY SOUND    8586 48 54.92 125 19.21 80 05 01 80 07 27                     OTTB

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WATER LEVEL DATA SET NUMBER:  80-0063
YEAR:1980      VESSEL/AGENCY: PARIZEAU,IOS

    AREA         STN    LAT       LON      START    STOP    EFF DT    DEPTHS   INST ADDIT
                      DEG MIN   DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

OFF VANC. IS.     C23 48 19.10 125 52.50 80 09 22 81 02 04      30   200   200 AM12 X

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WATER LEVEL DATA SET NUMBER:  80-0067
YEAR:1980      VESSEL/AGENCY: IOS

    AREA         STN    LAT       LON      START    STOP    EFF DT    DEPTHS   INST ADDIT
                      DEG MIN   DEG MIN  YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                    P T C

ALBERNI INLET   DUNSM 49 09.25 124 48.04 80 11 26 81 05 27  182 30    13
ALBERNI INLET   DUNSM 49 09.25 124 48.04 80 11 26 81 05 27  182 30    13
ALBERNI INLET   LIMST 48 58.97 124 58.15 80 11 27 81 05 27  179 30    15
ALBERNI INLET   LIMST 48 58.97 124 58.15 80 11 27 81 05 27  182 30    15
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WATER LEVEL DATA SET NUMBER:  80-0068
YEAR:1980      VESSEL/AGENCY: DOBROCKY SEATECH

    AREA          STN   LAT      LON       START     STOP    EFF DT    DEPTHS    INST ADDIT
                      DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                  P T C

ALBERNI INLET         49 06.63 124 48.65 80 11 19 80 11 28   9  4    15        TG3A X
ALBERNI INLET         49 14.23 124 49.67 80 11 19 80 11 28   9  4    25        TG4A X

---------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  80-0070
YEAR:1980      VESSEL/AGENCY: PARIZEAU,IOS

    AREA          STN   LAT      LON       START     STOP    EFF DT    DEPTHS    INST ADDIT
                      DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                  P T C

EFFINGHAM BAY         48 57.46 125 18.14 80 09 15 81 05 27      30    10    10 750A X X

---------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  80-0094
YEAR:1980      VESSEL/AGENCY: CHS

    AREA          STN   LAT      LON       START     STOP    EFF DT    DEPTHS    INST ADDIT
                      DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                  P T C

MUCHALAT INLET  8650 49 40.4  126 07.5  80 07 01 84 08 31                      OTT

---------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  80-0102
YEAR:1980      VESSEL/AGENCY: CHS

    AREA          STN   LAT      LON       START     STOP    EFF DT    DEPTHS    INST ADDIT
                      DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                  P T C

TAHSIS INLET    8658 49 54.6  126 39.7  80 09 19 81 02 18                      OTTB
ZEBALLOS INLET  8670 49 58.7  126 50.7  80 09 26 CONTINUING                    OTT

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WATER LEVEL DATA SET NUMBER:  81-0055
YEAR:1981      VESSEL/AGENCY: ENDEAVOUR,IOS

    AREA          STN   LAT      LON       START     STOP    EFF DT    DEPTHS    INST ADDIT
                      DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                  P T C

LANGARA ISLAND LANGA 54 14.5  133 09.8  81 02 05 81 09 12      30   136   136 TG3A X
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WATER LEVEL DATA SET NUMBER:  81-0069
YEAR:1981     VESSEL/AGENCY:  PARIZEAU,IOS

   AREA        STN   LAT       LON      START     STOP     EFF DT   DEPTHS     INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

OFF VANC. IS.   CZ3 48 19.10 125 52.50 81 09 02 82 01 20      30             750A X

--------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  81-0070
YEAR:1981     VESSEL/AGENCY:  PARIZEAU,IOS

   AREA        STN   LAT       LON      START     STOP     EFF DT   DEPTHS     INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

OFF VANC. IS.   CZ3 48 19.10 125 52.50 81 02 07 81 06 14  12 15             TG4A X
OFF VANC. IS.   CZ  48 15.67 125 45.60 81 02 07 81 06 04      15   206   206 TG4A X X

--------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  81-0076
YEAR:1981     VESSEL/AGENCY:  PARIZEAU,IOS

   AREA        STN   LAT       LON      START     STOP     EFF DT   DEPTHS     INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

OFF VANC. IS.   CZ3 48 19.10 125 52.50 81 06 10 81 09 02      30             AM12 X

--------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  81-0096
YEAR:1981     VESSEL/AGENCY:  CHS

   AREA        STN   LAT       LON      START     STOP     EFF DT   DEPTHS     INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

EFFINGHAM BAY       48 52.46 125 18.14 81 05 21 82 05 16      30    10    10 750A X

--------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  82-0091
YEAR:1982     VESSEL/AGENCY:  CHS

   AREA        STN   LAT       LON      START     STOP     EFF DT   DEPTHS     INST ADDIT
                    DEG MIN  DEG MIN   YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                 P T C

HUNT ISLETS         50 28.4  128 01.8  82 08    82 10 08
HOLBERG INLET       50 36.   127 34.   82 08 17 82 09 27  41
QUATSINO SOUND 8752 50 31.   127 40.   82 09 10 82 10 07  20                 OTTB
```

WATER LEVEL DATA SET NUMBER: 83-0035
YEAR:1983 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
O.C.ISLANDS	C3	52	57.97	132	51.81	83	05	04	83	09	10		30	1054	1054	AML	X	X	
DAWSON HARBOUR		53	09.78	132	27.54	83	05	05	83	09	11		30	4	4	WLR5	X	X	
DAWSON HARBOUR	DAWHA	53	09.78	132	27.54	83	05	05	83	09	11		30	5	5	WLR5	X		
NESTO INLET		53	33.44	132	55.47	83	05	06					30	9	9	WLR5	X		
NESTO INLET	NESTA	53	33.44	132	55.47	83	05	06	83	06			30	5	5	WLR5	X		
HUNT ISLETS		50	28.42	128	01.97	83	05	18					30	12	12	AML	X	X	
HUNT ISLETS		50	28.42	128	01.97	83	05	18	84	10	29		30	15	15	750A	X		
B. C. OFFSHORE	TG1	52	04.59	131	07.42	83	05	04						8.5	8.5	TG3A	X		
B. C. OFFSHORE	TG4	54	13.47	132	57.85	83	05	07	84	01	01			13.7	13.7	TG12	X		

WATER LEVEL DATA SET NUMBER: 83-0036A
YEAR:1983 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
B. C. OFFSHORE	TG1	52	04.59	131	07.42	83	09	09	84	04	24			8.5	8.5	TG3A	X		
DAWSON HARBOUR		53	09.78	132	27.54	83	09	11	84	04	19		30	4	4	WLR5	X	X	
Q.C.ISLANDS	C3	52	58.7	132	50.4	83	09	11	84	04	19		30	1051	1051	750A	X	X	
DAWSON HARBOUR	HA	53	09.78	132	27.54	83	09	11	84	04	19		30	5	5	WLR5	X		
NESTO INLET		53	33.44	132	55.47	83	09	13	84	04	20		30	10	10	WLR5	X		
NESTO INLET	NESTA	53	33.44	132	55.47	83	09	13	84	04	20		30	9	9	WLR5	X		

WATER LEVEL DATA SET NUMBER: 83-0045
YEAR:1983 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
QUATSINO SOUND	8736	50	28.5	128	02.	83	05	22	83	06	10					OTTB			

WATER LEVEL DATA SET NUMBER: 84-0001
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR		
																	P	T	C
B. C. OFFSHORE	TG4	54	13.47	132	57.85	84	01	21	84	04?				13	13	TG12	X		

WATER LEVEL DATA SET NUMBER: 84-0002
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
DAWSON HARBOUR	HA	53	09.78	132	27.54	84	04	19	84	10	16		30	10	10	WLR5	X		
B. C. OFFSHORE	F1	54	33.78	132	55.04	84	04	21	84	10	15			383	383	750A	X		
B. C. OFFSHORE	TG1	52	04.59	131	07.42	84	04	24	84	10	13			10	10	TG3A	X		
B. C. OFFSHORE	TG4	54	13.47	132	57.85	84	04	21	84	10	26			14	14	TG12	X		

WATER LEVEL DATA SET NUMBER: 84-0007
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
DAWSON HARBOUR	HA	53	09.78	132	27.54	84	10	16	85	05			30	10	10	WLR5	X		
B. C. OFFSHORE	F1	54	33.74	132	56.2	84	10	19	85	05				379	379	750A	X		
B. C. OFFSHORE	TG4	54	13.47	132	57.85	84	10	26	85	05				14	14	AAND	X		

WATER LEVEL DATA SET NUMBER: 84-0011
YEAR:1984 VESSEL/AGENCY: PARIZEAU,IOS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
EFFINGHAM BAY		48	52.46	125	18.14	84	06	20	84	09	01		30	10	10	WLR5	X		
NOOTKA		49	37.33	126	36.92	84	06	22	84	10	30		30	10	10	TG3A	X		

WATER LEVEL DATA SET NUMBER: 84-0012
YEAR:1984 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
LANGARA POINT	9964	54	15.	133	03.	84	01	01	84	03	31					HAGE			

WATER LEVEL DATA SET NUMBER: 84-0013
YEAR:1984 VESSEL/AGENCY: CHS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
W. QUEEN CHARL	9620	53	09.	132	22.	84	08	17	84	09	25					OTTB			
W. QUEEN CHARL	9605	53	07.	132	23.	84	08	31	84	09	28					OTTB			

11.4 WAVE DATA

The listings contain the following information:

AREA	Area
STN	Station number; generally as assigned by the originating agency.
LAT, LONG	In degrees and minutes.
START/STOP	Instrument start and stop time; year, month, day.
EFF LEN	Effective record length, in days.
DT (MN)	Sampling interval in minutes.
INST & WATER DPTH	In metres.
INSTR TYPE	635 - Sea Data pressure recorder GSBP - General Service buoy payload (Magnavox) UHF PEB - Prototype environmental buoy (General Dynamics), UHF and HF WRDR - Datawell waverider WRIP - Waverider buoy with internal Sea Data recorder or satellite transmission WTRK - Endeco wave-track recorder WVEC - WAVEC, directional wave buoy mfdg. by Datawell UDAC - General Dynamics, UHF 750A - Applied Microsystems wave burst (pressure) recorder
ADDIT SENSOR	Parameters measured qualified by: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings O - obviously bad readings

Blank entries indicate unavailable or inappropriate data.
? signifies data which are either unknown or may be suspect - for example, a location which plots on land.

WAVE DATA SET NUMBER: 67-0029
YEAR:1967 VESSEL/AGENCY: SEDCO 135F,POG

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
OFF VAN. IS.	I-65	48	54.57	126	09.16	67	12	05	67	12	07						

WAVE DATA SET NUMBER: 68-0026
YEAR:1968 VESSEL/AGENCY: SEDCO 135F,DREP

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
OFF VAN. IS.	I-65	48	54.57	126	09.16	68	01	24	68	02	05						
OFF VAN. IS.	D-14	48	53.02	126	02.99	68	02	24	68	02	25						
OFF VAN. IS.	D-14	48	53.02	126	02.99	68	03	05	68	03	12						
OFF VAN. IS.	D-14	48	53.02	126	02.99	68	03	20	68	03	25						
OFF VAN. IS.	D-14	48	53.02	126	02.99	68	03	28	68	03	31						
OFF VAN. IS.	J-14	49	23.58	127	02.07	68	11	22	68	11	30						
OFF VAN. IS.	J-14	49	23.58	127	02.07	68	12	11	68	12	13						
OFF VAN. IS.	J-100	48	19.70	125	44.05	69	02	06	69	02	19						

WAVE DATA SET NUMBER: 70-0066
YEAR:1970 VESSEL/AGENCY: MEDS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
TOFINO	TOF	48	59.45	125	44.65	70	06	26	70	09	27			0	40	WRDR	
TOFINO	TOF	48	59.45	125	44.65	71	04	02	71	05	21			0	40	WRDR	
TOFINO	TOF	48	59.45	125	44.65	71	07	07	71	12	20			0	40	WRDR	
TOFINO	TOF	48	59.45	125	44.65	72	02	02	72	07	12			0	40	WRDR	
TOFINO	TOF	48	59.45	125	44.65	73	02	02	73	06	23			0	40	WRDR	
TOFINO	TOF	48	59.45	125	44.65	73	09	02	80	12	31			0	40	WRDR	
TOFINO	TOF	48	59.45	125	44.65	81	01	01	CONTINUING					0	40	WRDR	

WAVE DATA SET NUMBER: 76-0101
YEAR:1976 VESSEL/AGENCY: NOAA

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR P T C
NE PACIFIC	46004	51	00.0	136	00.0	76	08		76	10						PEB	
NE PACIFIC	46004	51	00.0	136	00.0	76	10		76	12						PEB	
NE PACIFIC	46004	51	00.0	136	00.0	76	12		77	05						PEB	
NE PACIFIC	46004	51	00.0	136	00.0	77	05		77	06						PEB	
NE PACIFIC	46004	51	00.0	136	00.0	77	06		77	07						PEB	
NE PACIFIC	46004	51	00.0	136	00.0	78	09		80	05						PEB	
NE PACIFIC	46004	51	00.0	135	54.0	81	02		82	01						UDAC	
NE PACIFIC	46004	50	54.0	135	54.0	82	03		83	06						UDAC	
NE PACIFIC	46004	50	54.0	135	54.0	83	06		84	01						GSBP	
NE PACIFIC	46004	50	54.0	135	54.0	84	01		84	03						GSBP	
NE PACIFIC	46004	50	54.0	135	54.0	84	03		CONTINUING							GSBP	

APPENDIX 1

SIGNIFICANT DATES IN THE HISTORY OF WEST COAST OCEANOGRAPHY

1883	Assignment of Capt. John George Boulton, R.N., as hydrographer for Georgian Bay Survey, marking the birth of what was to become the Canadian Hydrographic Service (CHS).
1890's	Permanent tide-recording stations are established on west coast.
1901	First tide tables for B.C. coast are published.
1908	Fisheries Research Board (FRB) establishes a marine biological station at Departure Bay near Nanaimo. The same year the C.S.S. *Lillooet* becomes the first ship commissioned to the CHS.
1912	Daily surface sea-water temperature, at high tide, measured at Departure Bay. (Surface-sampling program expanded in 1932 to include 15 stations, at which time salinity measurements were also begun.)
1932	C.S.S. *William J. Stewart* replaces the *Lillooet* as hydrographic survey vessel.
1946	Pacific Oceanographic Group (POG) is formed under direction of Dr. J.P. Tully. It is disbanded in 1970 and its personnel are transferred to other establishments.
1948	Pacific Naval Laboratory, later becoming Defence Research Establishment, Pacific (DREP), is formed under Dr. F.H. Sanders.
1949-1950	Institute of Oceanography at University of British Columbia is formed (IOUBC). In same year, Canada assumes responsibility for Ocean Weather Station 'Papa'.
1954	International North Pacific Fisheries Commission is formed.
1961	Marine Sciences Branch (MSB) of Dept. of Energy, Mines and Resources, combining the federal hydrographic and oceanographic services, is formed.
1967	Marine Sciences Branch receives the new research vessels C.S.S. *Parizeau* and C.S.S. *Vector*.
1974	Institute of Ocean Sciences (IOS) is formed. The establishment on Patricia Bay, near Sidney, was occupied in 1977 under the direction of Dr. R.W. Stewart.
1985	The new hydrographic vessel C.S.S. *J.P. Tully* is assigned to IOS.

APPENDIX 2

REMARKS - METHODS, PROBLEMS AND ERRORS BY DATA-SET NUMBER

05-0005 CHS

Water-level data have been collected at Tofino by the Canadian Hydrographic Service (CHS) since 1905. The record is not complete; for some years, data are missing or suspect. For the period 1915-1916, 1941, 1948-1949, only monthly-mean values are available and no data are on file at IOS. The 1920-1938 data exist in analog form at IOS, but have never been processed. For more information, contact Mr. F. Stephenson of Tides and Currents, IOS (604-656-8364). At present, an Ott recorder is maintained on site.

15-0004 U.S. Coast and Geodetic Survey

The length of log line, attached to a drift pole, that payed out in 28 seconds, was used to compute surface drifts for varying tidal and wind conditions. Work was conducted from the Swiftsure Bank Light Vessel.

18-0001 U.S. Coast and Geodetic Survey

See 15-0004.

31-0008

Eighty-one measurements of high and low water were obtained, June 1-July 12. These data are available from the National Ocean Survey, Rockville, Maryland.

33-0002A W.J. STEWART, Pacific Biological Station (PBS)

Station header information was extracted from a paper by Tully (1937d). No latitude/longitude values were provided. These numbers were based on Figure 1 of Tully (1937d). Note that the latitudes/longitudes on Figure 1 appear to be incorrect. The available copy of Tully (1937d) was far from clear and our confidence in the assigned station locations is not great. Also the paper is not clear on what date the 2231-M station was occupied. The water-level data consisted primarily of times of high and low tide, and water level at times of station observations. The original data may be on file at PBS, Nanaimo, should more information be required.

34-0003 W.J. STEWART, Pacific Oceanographic Group (POG)

The temperature measurements have a stated accuracy of ±.2C°, but this accuracy is doubtful according to the data information sheet of the World Data Centre A (1967).

34-0004 CHELAN

Although Barnes and Thompson (1938) refer to data collected by the Chelan, no primary data reference has been found. Apparently surface-temperature and salinity data were taken offshore B.C. while en route to the Arctic.

37-0004 CATALYST, POG

According to POG (1956c), the information concerning methods and instrumentation is unavailable.

38-0010 CATALYST, U. Washington

Samples are from surface only. The locations of two stations in Thompson and Korpi (1942) are suspect, as they do not fall on the line formed by the remaining stations. The locations have been changed as follows: 51°0'N, 134°55'N to 51°0'N, 133°55'W; 50°36'N, 133°39'N to 50°56'N, 133°39'W.

49-0008 SERRANO, U.S. Navy Electronics Laboratory

The primary purpose of the cruise was to determine sound-velocity distribution. Oceanographic observations were accompanied by an acoustic experimental program (SOFAR Research Group, 1950; Condron, 1951; Anderson, 1951)

49-0009 CEDARWOOD, POG

The station location on files at MEDS plots on land, north of Barkley Sound. The files at Pacific Biological Station (Nanaimo) should be checked for further information on the actual location.

50-0014 W.J. STEWART, POG

We are not certain that the water-level data were collected as part of this cruise. The dates of the water-level data and the hydrographic cast are near enough that they were likely both part of the W.J. Stewart survey.

50-0015 POG

The station location supplied by MEDS plots on land north of Port Alberni. A POG cruise was in the Strait of Georgia at this time (POG, 1954). If the recorded longitude was actually 123°45.3'W (and not 124°45.3'W) then the station may belong to this Strait of Georgia cruise. For further information on the actual station location, contact the Pacific Biological Station (Nanaimo).

52-0015A-D BROWN BEAR, U. Washington

The method of salinity determination is unspecified. However "Copenhagen standard sea water was used... in the determination" (Paquette, Collias and Love, 1954a).

52-0016 POG

The station provided by MEDS plots on land north of Port Alberni. For further information on the actual station location, contact the Pacific Biological Station (Nanaimo).

53-0019A,B BROWN BEAR U. Washington

The method of salinity determination is unspecified. However "Copenhagen standard sea water was used... in the determination" (Paquette, Collias and Love, 1954b).

54-0020? BROWN BEAR, U. Washington
54-0023?

From the information available, it was not possible to determine which University of Washington cruise this station belongs to. There is no such station referred to in Scripps (1965a).

54-0024 Swiftsure Bank, USCG Lightships, POG

Between June 17, 1954 and June 30, 1961 the Pacific Oceanographic Group, in cooperation with the U.S. Coast Guard, made daily hydrographic observations using the Swiftsure Bank lightship (either the Swiftsure Bank or the Relief). BT and surface T/S observations were made as follows (Hollister, 1966):

> "There were only three periods when the continuity was broken for more than a week. These were: Aug. 28 to Nov. 10, 1954, and Feb. 12 to Mar. 20, 1956, caused by winch breakdowns or loss of bathythermographs, and May 5 to July 8, 1960 when the station was occupied by lightship WAL-513, which was not equipped with a bathythermograph winch. Sea-surface temperature and salinity observations were practically continuous throughout the whole seven-year period. Observations at Swiftsure Bank lightship were terminated on June 30, 1961 because the station was permanently discontinued by the Coast Guard.
>
> At the commencement of the program in June 1954, bathythermograph observations were made twice daily, at 0900 and 1800 PST. In January 1960, the observation times were changed to 0800 and 1600 PST. A sea-surface temperature reading was made in a bucket sample of seawater at the same times. A water sample for salinity analysis was collected at the 0900 (later, 0800) observation and was stored in a 2-oz. glass ample bottle sealed with a waxed cork. These samples were shipped in cases of 100 bottles to the POG at Nanaimo, B.C. Records of meteorological and sea conditions were recorded on the bathythermograph log sheets.
>
> Swiftsure Bank lightship was located in essentially the same position since 1909. The position of the lightship was 48°32.6'N, 124°59.6'W until Aug. 1, 1956. Then, it was moved to the position 48°32.0'N, 124°59.7'W to provide better holding ground for anchoring. The depth of the water has variously been reported by the lightships to be 144 to 198 feet (44 to 60 m) depending upon the scope of the anchor chain. The bathythermographs were usually lowered to 165 feet depth (50 m) but they sometimes touched the bottom at shallower depths. The bottom is apparently covered with huge boulders, because bathythermographs have been lost due to fouling on an obstruction in the sea floor."

The following ID numbers have been assigned to these data: 54-0024, 55-0031, 56-0027, 57-0034, 58-0029, 59-0030 and 60-0036.

55-0024 ST. THERESE, POG

As well as the usual bottle casts, current measurements were made with a Geomagnetic-Electro-Kinetograph (GEK). These data had not been processed for the POG (1956b) report.

56-0018 NEW GLASGOW, POG

Chlorinity was determined by Knudsen titration, then converted to salinity using S=0.03 + 1.805 Cl (POG, 1957a).

57-0009 HORIZON

The NODC directory indicates one vessel only, the S.F. Baird; in the MEDS files data for the vessel Horizon is also present; however the times and locations are identical to those for the S.F. Baird. Scripps (1965b) indicates the data were collected by the R.V. Horizon on Expedition Mukluk.

58-0028 VITYAZ, (USSR)

Current measurements were made while at anchor stations. The report (Inst. Ocean., 1961) contains the data, in Russian however, and may contain more information regarding the depth(s) at which currents were measured, and the type of instrument used.

60-0021 MacMillan Bloedel Ltd., POG

The 1958-1969 data are reported in Waldichuk, Markert and Meikle (1969). The sample program involved:

> "Surface samples were taken at both the Somass River station* and the Hohm Island station using 500-ml and 1000-ml plastic bottles, respectively. Surface temperatures were measured with a cup-case thermometer. Subsurface samples at the Hohm Island station were taken with Fjarlie water sampling bottles to the end of 1967. After January 1968, Atlas water sampling bottles of the Nansen type were used. Temperature were measured with reversing thermometers. In the early part of the program (1958-1961), weekly samples were taken throughout the year. These were taken on a high tide, usually on a Thursday, to the end of 1967, and on a Wednesday or Friday after January 1968. Since 1961, weekly samples have been taken only for the months of April to September, inclusive, when effects of pollution can be considered at their worst. During the months of October to March, samples were taken at high tide on a convenient Thursday each month to 1965, and after that, they were taken monthly on a convenient Wednesday or Friday. In conjunction with this program, samples have been taken also from the main pulp-mill sewer and analyzed for BOD and COD (chemical oxygen demand) every week, on

> the same day as Hohm Island Stations, when harbour samples were are issued by the technical staff of the pulp mill in their monthly summary sheets (unpublished data), along with calculations of daily oxygen demand by the total pulp-mill effluent."

*Note: Since the Somass River station is in fresh water, these data are not included in this compilation.

The data are grouped by year under the following ID numbers: 58-0020, 59-0022, 60-0021, 61-0035, 62-0036, 63-0022, 64-0029, 65-0034, 66-0030, 67-0030, 68-0042 and 69-0049. At present we do not know if the sampling continued past April 1969. Contact the Pacific Biological Station, Nanaimo (604-756-7000) for more information.

It is known that T/S data were collected from 1960 through 1969.

60-0022 LAURIER, UBC

The coordinates for Station 1 were apparently recorded wrongly (in IOUBC, 1961 and at MEDS). The figure shows the station near the head of Tofino Inlet; therefore the latitude was changed from 49°29'N to 49°12.4'N. This agrees with the locations of station 7 (data set 60-0024) and station 32 (data set 60-0025) of similar cruises. The recorded longitude appears to be correct.

60-0033 KAT, UBC

These data were collected using a catamaran sailboat equipped with an outboard motor. The comments under 60-0022 also apply here.

61-0029 ATOLLA, UBC

See 60-0022.

61-0030 ATOLLA, UBC

See 60-0022.

61-0034 WHITETHROAT, POG

The Ekman-Merz current meter apparently malfunctioned during part of the M11 station. The locations of the stations plotting on land are based on the latitude/longitude values in the original report.

61-0050 WHITETHROAT, GRILSE, POG

Standard BT and hydrographic casts were obtained using CNAV Oshawa, while micro-temperature and velocity measurements were made from the submarine HMCS Grilse. Only the Oshawa observations were reported by Herlinveaux (1963).

62-0038 WHITETHROAT, GRILSE, POG

See 61-0050.

62-0041 OSHAWA, GRILSE, POG

See 61-0050.

65-0012 ENDEAVOUR, PNL

Six stations were made with bottles, twenty-two with an in-situ salinometer.

66-0060 Marine Sciences Directorate

Surface currents were mapped using drift-pole drogues (drogues at 1 and 4 m depth), and by plotting the motion of a distinctive phytoplankton bloom (red tide). The trailing wakes of fixed position markers were also used as indicators of surface drift.

67-0029 SEDCO 135F, DREP

A Pace Engineering Co. Model CP51 pressure transducer, having a range of 60 psi, was suspended from the drilling rig at a depth of about 9 m. An accelerometer was used to measure pressure fluctuations due to vertical motion of the drilling rig; these were subsequently subtracted out of the record. The measured subsurface attenuated pressure (P) was then converted to pressure variation at surface (Po) using $P = Po \exp(-4\ {}^{2}h/gT)$.

68-0026 SEDCO 135F, DREP

See 67-0029.

69-0034 G.B. REED, POG

The results from this cruise are included in Dodimead (1984). Apparently no data report was produced. The station locations, to ±0.5 minutes, have been extracted from Figure 90 of Dodimead (1984). The exact station dates are unknown, but were between March 6-10. For further information, contact the Pacific Biological Station, Nanaimo (604-756-7000).

69-0051A Marine Sciences Directorate

Bottom-mounted sensors recorded temperatures during the May 21-July 2 period at two locations, at the "Small Gut" and at the "Big Gut". These are the two channel entrances to Fatty Basin. Temperature/salinity surveys were conducted on June 5 and 17; plots are presented in Herlinveaux (1973). This report also includes results of current measurements, using both a portable recorder and drift cards.

69-0051B DECIBAR, POG

An in-situ induction salinometer (Industrial Instrument Company) was used, along with a BT, to obtain T/S data at three stations in Fatty Basin (Hardon, 1969). For the purposes of this report a nominal station location of 40°59.0'N 125°01.0'W has been used.

70-0047 E.P. ALBERNI, Pacific Biological Station

Many cruises were made during the Jan. 20-Nov. 4 period. Exact dates of T/S measurements are indicated in the listings (Section 11). For further details refer to Kask and Parker (1971).

71-0038 CHS

Currents in Quatsino Narrows were measured using floats with drogues at surface, 2 or 8 m. Results for maximum flood and ebb, and for one-half hour before and after high and low slack water, are presented in CHS (no date).

71-0052 AKADEMIK BERG, USSR

The three stations in Queen Charlotte Sound have been retained here since they were missed in an earlier inventory of physical oceanographic data in B.C. nearshore waters (Birch et al., 1985).

71-0062B Pacific Biological Station

Currents to 25 m depth were measured using a Chesapeake Bay drogue (Parker, Sibert and Terhune, 1972). This was followed by a conductivity profile using an unspecified instrument (probably a Beckman meter or a CM^2 meter).

71-0097 Utah Mines (Island Copper Mine)

The granting of Utah Mine's Provincial Pollution Control Branch permit included requirement of an environmental sampling program. It is directed by an independent agency, originally headed by J.B. Evans of UBC. The results are reported quarterly by Utah Mines and summarized annually by the independent agency.

From February or March 1971, after mine start-up, temperature, salinity and O_2 data were routinely collected at six stations in Rupert and Holberg Inlets. From February 1971 to June 1972 the stations were occupied monthly, then from June 1972 they were sampled every three months. Apparently the sampling program is still being conducted.

Until March 1972 a non-reversing thermometer was used, then reversing thermometers. Salinities were determined by titration.

The data are on file with the Pollution Control Branch, Victoria, permit #379. Mr. D. Stucchi of IOS indicated that the data are of variable quality. Mr. R. Hillis, who is in charge of data collection at Utah Mines, did not respond to a written request for further information. Contact either Mr. Hillis (604-949-6326) or Mr. Stucchi (604-656-8288) for further details.

71-0099A CHS

The current-meter data are on file at IOS; contact Mr. A. Douglas (604-656-8370). Farmer (1972) used the results from the meters at Sproat Narrows only. Conductivity chains were located at Spencer Creek, Stamp Narrows, and Hohm Island. The period of operation for the current meters was approximately Feb.-May.

71-0099B UBC

For further details regarding these data, contact Dr. D.M. Farmer at IOS (604-656-8291).

73-0119 NOAA

Seventeen days of bottom-pressure data were obtained with a Filloux pressure gauge using a Bourdon tube transducer to sense pressure relative to a vacuum (Pearson, 1975).

A Photo-geodyne current meter was also deployed 38 m above bottom.

74-0057 MEDS, IOS

Two current-meter moorings were deployed on the continental shelf off Tofino in Nov. 1974. They were serviced and redeployed in Feb. 1975, then recovered in April 1975. Some wave contamination of the upper records may have occurred (Huyer, Gagnon and Huggett, 1976). A line of STD stations was occupied during Nov. 1974 and Feb. 1975. The data are discussed in Huyer et al., 1976; however no station locations or dates are provided.

74-0058 EPS

Water temperatures were measured using a standard celsius thermometer immediately after the Van Dorn water sampler had been retrieved.

Salinity was determined from the water density, using sigma-t tables. The method of density determination is not specified (Sullivan, 1979). In 1976 (76-0068) a Guildline Autosal 8400 was used to determine salinity.

Station locations were extracted from Figure 1 of Sullivan (1979). The hour/minute when the stations were sampled is not specified.

75-0080 ENDEAVOUR, IOS

T/S profiles were obtained using a Guildline 8700 STD. Some water samples were collected using Niskin bottles. Continuous monitoring of the ship's seawater loop was also performed using a Plessey 6600T thermosalinograph.

75-0081 EPS

See 74-0058.

75-0122 PENNY SUE, IOS

The analog CTD system used did not function perfectly, resulting in gaps in the records (Stucchi, pers. comm.).

75-0123 IOS, Coastal Zone

The current-meter mooring in Holberg Inlet did not function properly due to heavy concentration of mine tailings in the water. The rotor and conductivity sensors were adversely affected, but the temperature record is probably acceptable. Meters in the Quatsino Sound mooring functioned better since the concentration of tailings was less there.

76-0068 EPS

See 74-0058.

76-0071 EPS

Water temperatures were measured using a standard celsius thermometer immediately after the Van Dorn water sampler had been retrieved.

Salinities were determined usuing a Guildline Autosal 8400 salinometer.

Station locations were estimated from the plotted positions of Figure 1 in Sullivan (1979b).

76-0101 NOAA

NOAA has collected wave data near-continuously since August 1976 at 51°N 136°W, approximately 400 km offshore of Queen Charlotte Sound. Various buoys have been used to contain the accelerometer and various meteorological sensors:

- PEB - Prototype Environmental Buoy manufactured by General Dynamics; uses dual (HF/UHF) communication;
- UDAC - General Dynamics, UHF;
- GSBP - General Service Buoy Payload, manufactured by Magnavox, UHF.

These wave data are available from NODC, Washington.

77-0084 VECTOR, EPS

The methods used to measure temperature and salinity are not described by Brothers (1978). Station locations were extracted from Figure 4 of the same report. The hour/minute at which samples were collected was not specified.

79-0032C RIVTOW VIKING, Ship-Of-Opportunity

The time zone, unspecified in the cruise report, was assumed to be PDT.

79-0075 PANDORA II, IOS (Coastal Zone)

The PRODAS data acquisition system failed; therefore the plots were digitized, producing poorer quality data than would normally have been obtained.

79-0081 RIVTOW VIKING, Ship-of-Opportunity

The time zone used was not specified (Borstad et al., 1980). Water samples were pumped from an intake located near the keel of the tugboat Rivtow Viking at a depth of about 3 m.

80-0057 PARIZEAU, IOS

Mooring CZ3 was recovered on May 24, 1980 by a fish boat. For the actual date of the last good data contact Dr. H.J. Freeland at IOS (604-656-8290).

80-0060 PARIZEAU, IOS (Coastal Zone)

Offshore Oceanography Section's CTD probe (#40447) was used. Noise in the slip rings reduced the quality of the data.

80-0065 ENDEAVOUR, IOS (Coastal Zone)

The PRODAS data acquisition system failed; therefore the plots were digitized, producing poorer quality data than would normally have been obtained.

80-0068 Dobrocky Seatech Ltd. for IOS

A VCTD, combining a Guildline 87410 conductivity cell, 87401 thermometer, and 87420 pressure transducer with a Marsh-McBirney electromagnetic current meter, was used for profiling the water column. Due to poor flushing of the conductivity cell, the CTD data is suspect. The profiling velocity data is "noisy" due to the inability to correct for all the three-dimensional movements of the probe (Narayanan, 1981).

For plotting purposes station locations were based on figures presented in Narayanan (1981). Sampling frequency per station was approximately hourly. At station 3, 206 profiles, one every 10 minutes, were made during Nov. 23-24; 135 profiles, one every 20 minutes, were made at 4A; 208 profiles, one every 10 minutes, were made at 4B.

80-0088A EPS

Water samples were collected using NIO (National Institute of Oceanography) bottles equipped with paired, protected, reversing thermometers.

Salinities were determined using a Guildline 8400 Autosal salinometer.

Exact dates of the June survey are not specified in Sullivan (1981). Station locations were extracted from Figure 8 of the same report.

81-0071 VECTOR, IOS (Ocean Chemistry)

These data are unpublished. Contact Dr. J.A.J. Thompson at IOS for further information (604-656-8408).

82-0034 PARIZEAU, IOS

Mooring CZ3 would not release on April 24, 1982. It was recovered later. The last good data were apparently obtained in July. Contact Dr. H.J. Freeland of IOS (604-656-8290) for further details.

82-0046 PARIZEAU, IOS

Some water-level (bottom pressure) data were collected. The data are as yet unprocessed. Further enquiries should be directed to Dr. H.J. Freeland of IOS (604-656-8290).

84-0007 PARIZEAU, IOS

The current meters and water-level gauges were deployed in October 1984. The success of the recovery program in May 1985 is not yet known. For further details, contact Dr. R.E. Thomson at IOS (604-656-8255).

84-0008 PARIZEAU, IOS

CTD stations were occupied along lines R, P and B. The data have not yet been processed. Contact Dr. S. Tabata at IOS (604-656-8273) for further details.

84-0013 CHS

In addition to the water-level stations in Skidegate Channel, a temporary gauge was installed at Hunt Inlet (Crowley, 1984).

APPENDIX 3

ADDRESSES OF INFORMATION SOURCES

Canadian Hydrographic Service
Institute of Ocean Sciences
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Victoria, B.C.
VOS 1BO
Phone: 604-388-1921

Dobrocky Seatech Ltd.
P.O. Box 6500
Sidney, B.C.
V8L 4M7
Phone: 604-656-0111

Environmental Protection Service
Kapilano 100 - Park Royal
West Vancouver, B.C.
V7T 1A2
Contact: Mr. Darcy Goyette
Phone: 604-666-6711

Institute of Ocean Sciences
P.O. Box 6000
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Coastal Zone - Mr. Dario Stucchi Phone: 604-656-8288
Ocean Chemistry - Dr. Rob Macdonald Phone: 604-656-8409
Ocean Information - Dr. Larry Giovando Phone: 604-656-8268
Offshore - Dr. Rick Thomson Phone: 604-656-8255
Tides & Currents - Mr. Fred Stephenson Phone: 604-656-8364
or Dr. Bill Crawford Phone: 604-656-8369

Marine Environmental Data Services (MEDS)
Dept. of Fisheries and Oceans
12th Floor
200 Kent Street
Ottawa, Ontario
K1A 0E6
Phone: 613-995-2041

National Ocean Survey
Washington Science Center
Rockville, Maryland 20852
Contact: Tidal Requirements Section
Phone: 301-443-8807

National Oceanographic Data Center (NODC)
NOAA, Code D761
2001 Wisconsin Ave. N.W.
Washington, D.C. 20235
Phone: 202-634-7500

Pacific Biological Station
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Pacific Environment Institute
(see West Vancouver Laboratory)

Seakem Oceanography Limited
2045 Mills Road
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V8L 3S1
Contact: Mr. Dave Thomas
Phone: 604-656-0881

University of British Columbia
6270 University Boulevard
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Phone: 604-228-3278

University of Washington
Dept. of Oceanography
Seattle, Washington, 98195
Phone: 206-543-5060

Utah Mines Ltd.
P.O. Box 370
Port Hardy, B.C.
Contact: Mr. R. Hillis
Phone: 604-949-6326

Waste Management Branch
B.C. Ministry of Environment
810 Blanchard Street
Victoria, B.C.
Phone: 604-387-4321

West Vancouver Laboratory
Fisheries Research Branch
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Note: From 1969 to 1977, the West Vancouver Laboratory was called the "Pacific Environment Institute".

APPENDIX 4

ABBREVIATIONS USED IN THIS REPORT

ASL	Arctic Sciences Ltd.
BT	Bathythermograph
CHS	Canadian Hydrographic Service
MOT,DOT	Ministry of Transport, Department of Transport; now Transport Canada
DOBROCKY	Dobrocky Seatech Limited
EPS	Environmental Protection Service
IOS	Institute of Ocean Sciences, Sidney
IOUBC	Institute of Oceanography, University of British Columbia
MEDS	Marine Environmental Data Services Branch, Dept. of Fisheries and Oceans
NODC	National Oceanographic Data Center
PBS	Pacific Biological Station, Nanaimo
PEI	Pacific Environment Institute, West Vancouver
POG	Pacific Oceanographic Group of the PBS, Nanaimo. In October 1970, POG was disbanded; the physical oceanographic group was transferred to other Canadian west coast establishments
UBC	University of British Columbia, Vancouver
USC&GS	U.S. Coast and Geodetic Survey
UW	University of Washington, Seattle
XBT	Expendable Bathythermograph

CHEMICAL/BIOLOGICAL TERMS

BOD	Biological Oxygen Demand
Cl	Chlorine
Chl. a	Chlorophyll a
C^{14}	Radioactive isotope of carbon
F	Fluorine
HEC	Hexane extractable compound
Hg	Mercury
KME	Kraft mill effluent
N	Nitrogen
N_3	Azine
NH_3	Ammonia
NO_2	Nitrite
NO_3	Nitrate
O_2	Dissolved molecular oxygen
P	Phosphorous
PO_4	Phosphate
pH	The negative of the logarithm of the hydrogen-ion concentration
Si	Silicon
SiO_2	Silica
SiO_3	Silicate
TOC	Total organic carbon

OTHER VOLUMES IN THIS SERIES

Birch, J.R., E.C. Luscombe, D.B. Fissel and L.F. Giovando. 1985. West Coast Data Inventory and Appraisal. Volume 1. Dixon Entrance, Hecate Strait, Queen Charlotte Sound and Adjoining B.C. Coastal Waters: Physical Oceanography-Temperature, Salinity, Currents, Water Levels and Waves, 1903 through 1984. Cdn. Data Report Hydrogr. Ocean Sciences, No. 37, Vol. 1, (Part 1, 302 p.; Part 2, 265 p.)